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▶ SCIENCE TECHNOLOGY MEDICINE

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▶ HISTORY ARTS CULTURE

▶ PEOPLE PLACES

▶ CHILDREN YOUTH

▶ SPORTS MOTORING

▶ MUSIC

▶ FICTION ENTERTAINMENT

Key

VIDEO FORMAT

4K Ultra High Definition

HD High Definition

SD Standard Definition

RIGHTS

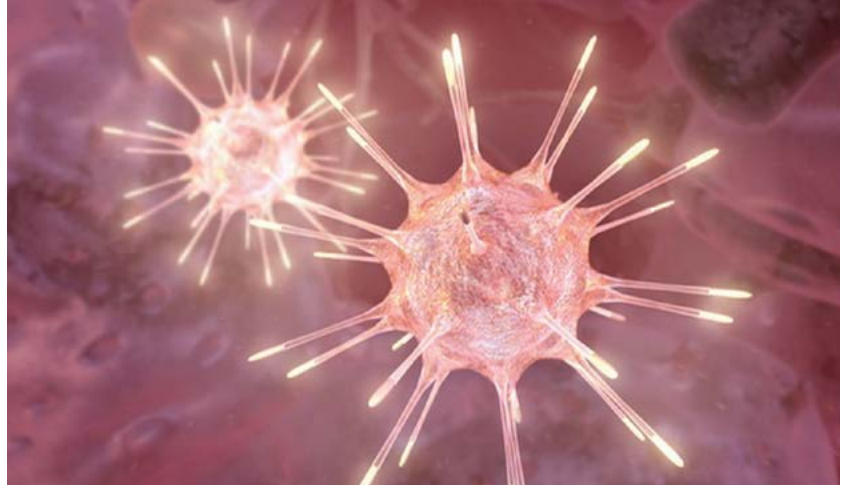
WW Available worldwide

VoD Video on demand

M Mobile

IFE Inflight

LR Limited rights, please contact your regional distribution partner.



The Quest for Knowledge

Humans have always had a thirst for knowledge – whether it be to improve their lives and circumstances or out of sheer curiosity and the urge to get to the bottom of things. Without scientific discoveries, humanity would not have evolved at such a rapid pace. Life as we know it today would be unthinkable without the knowledge we gain through science and scholarship. Innovations and new insights are integrated into our lives in ever quicker succession. We watch scientists, engineers and inventors as they look for ways to increase human knowledge. These fascinating films accompany them in their Quest for Knowledge.

264700

Documentary,
79 x 30 min.,
Arabic, English,
Spanish

08 x 30 min.,
French

264700 006

Making Artificial Blood – The Race is On

Scientists, research labs and pharmaceutical companies are currently vying with one another to become the first to create the first fully synthetic blood. The need is immense: This film relates the background to the pursuit of “tailormade blood”, detailing both the positive and negative aspects of the process, the complexity and potential of blood, and the consequences of blood manipulation for the human body.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

264700 007

Ice Recession in the Alps

Global warming is not only affecting expanses of ice that are clearly visible, like the glaciers. The invisible ice of the mountains – the permafrost on peaks and in rock faces – is also receding, with dramatic consequences. This documentary accompanies researchers as they penetrate the interior of mountains to find out more about permafrost. A race against time has begun.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

264700 008

Is Wind Energy Still Viable?

Advocates and opponents are quite vocal about this regenerative form of energy. But that is not surprising, because wind energy has a lot to offer: for engineers, architects, and biologists.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

264700 009

The Cyberhand – Giving Amputees a Sense of Touch

In this film a patient tests the cyberhand, as it is known, for the first time. Unlike other artificial limbs, this neuroprosthesis is controlled not by electrical impulses from the muscles but directly by the nerves which control muscular contraction. The cyberhand is designed not only to serve the wearer as a gripping tool but also to impart a sense of touch.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

264700 010

Does Water Live?

Water is the element of life. Without H²O there would be no plants, no animals, and no micro-organisms. But could the elixir of life itself be alive? Can water store information? It is not only esoteric thinkers who believe that there is far more to water than has been thought.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

264700 011

Surviving in the Mountains – Altitude Sickness

Climbers, skiers, and hikers are often plagued by the symptoms of altitude sickness which can result in fatal highaltitude cerebral or pulmonary oedema. Professor Peter Bärtsch from Heidelberg University is an internationally renowned expert on acute mountain sickness. His aim is to identify the exact causes of the condition and the best way of treating it.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

264700 012

Israel's Water Shortage – The Dead Sea is Dying

The Promised Land is also an arid land. The shortage of fresh water has been a problem in Israel now for several decades. Modern-day Israel consumes some two billion cubic meters of water every year. Roughly two-thirds of this volume are pumped into agriculture. Water is a precious resource and, to a certain extent, lies at the heart of Israel's conflict with its neighboring states and with the Palestinians. Desalination plants and droplet irrigation will, it is hoped, provide a solution to the problem.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

264700 013

The Hunt for Our Thoughts

Our thoughts are free and, above all, private. At least that has been the belief up to now. But the time, it seems, has come to revise that belief, because brain researchers can now read our thoughts and identify our intentions, and even manipulate them. This new science can be helpful. But it also involves certain risks.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

264700 014

The Enigma of the Lightning Strike

Millions of lightning bolts hit the Earth every day. But we know very little about them. At temperatures of up to 30,000 °C nothing can match them for heat; they pack millions of volts and can carry thousands of amps of direct current. Scientists in the US and Germany are attempting to cast new light on the process that creates lightning.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; VoD, IFE, LR

264700 015

Expedition to the Bleeding Lake

Lake Alat in southern Germany may not appear to be anything special – but descend 16 meters below the surface and you will see a deadly purple-colored cloud. This is a layer of sulphur-processing bacteria. There is no oxygen below this layer, and the water is extremely acidic. An expedition takes a closer look at the causes of this unique natural phenomenon.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

264700 016

The Secret Reserves of Top Athletes

“Faster, higher, further” is the motto of world-class sport. But in many disciplines, the unremitting drive to break records appears to be exceeding the limits of human capacity. The last reserves of sportsmen and women are mobilized by the latest high-tech methods of performance appraisal and optimization – but also by gene doping and other illegal practices.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

264700 017

The History of the Climatee

A lot of research is going on into the history of the climate – to understand the past and even to try to predict the future. Researchers are analyzing samples taken from the heart of Greenland's glaciers, ice that serves as an environmental archive stretching back more than 100,000 years. Scientists are also looking for records in libraries and archives – and scouting some of the oldest cities in Europe for telling clues.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

264700 018

The End of the Line for the Fishing Industry?

The global demand for fish has doubled since 1980. Now half of the world's stocks have been fished to their limits, while a quarter is thought to have been over-fished. If things carry on like this, commercial fishing could grind to a halt by 2050. Scientists are looking for ways to avert such a scenario – but policy makers rarely heed their advice.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

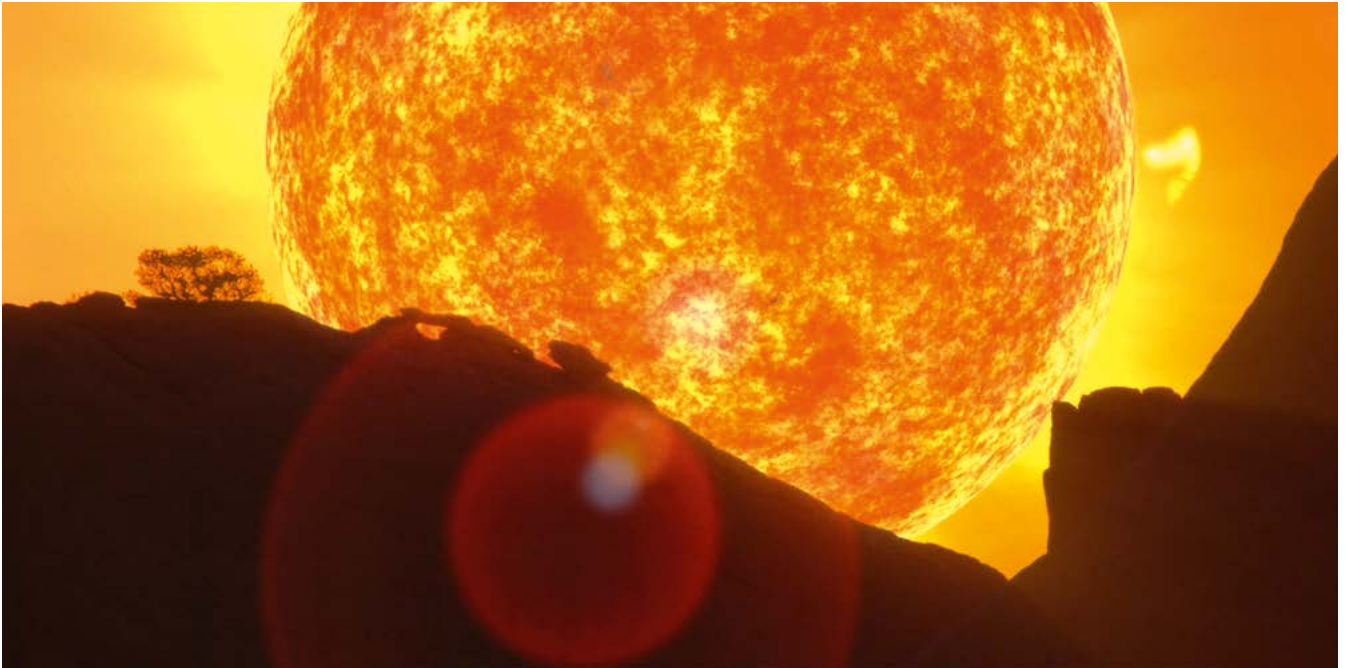
264700 019

Light at the Speed Limit

Light is crucial for life on Earth, yet it remains very hard to understand. Exhibiting properties of both waves and particles, it travels at 300,000 kilometers per second. It provides us with energy, allows us to observe the world around us, and is set to be the basis for devices and computers of the future.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; VoD, IFE, LR





264700 020

Radiation from Space

The Earth is under incessant fire from cosmic radiation, which consists of all manner of particles. Scientists from around the world are working on solving its mysteries. They pool their knowledge, piecing it together like a puzzle, and keep a close eye on outer space in a bid to fathom the origins of our existence: What effect does this tide of cosmic particles have on us? Where does life come from? How did the Universe come about?

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; VoD, IFE, LR

264700 021

Energy from the Oceans

Two-thirds of the Earth's surface is covered by ocean. The seas represent gigantic sources of energy, which scientists aim to harness to produce electricity. Their work focuses primarily on tides and currents, waves and the salt contained in seawater. The sea could meet the growing human demand for energy, without destroying the Earth.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

264700 022

Death from the Laboratory?

Rice farmers in Thailand are at high risk of contracting melioidosis. The disease is caused by bacteria that are found mostly in tropical and subtropical regions. Some progress has been made in efforts to combat the disease. But there are fears that the pathogen could also be used by terrorists planning a biological attack.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

264700 024

The Weather Makers – Can We Control the Climate?

It is currently common practice to influence local weather systems in more than 30 countries. Techniques are used to generate rainfall or sunshine, or to prevent dangerous hailstorms. But not enough research has been conducted into the consequences of such intervention in the climate. Despite the potential risks, weather manipulation is occurring with greater frequency throughout the world.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

264700 025

Dangerous Debris in Space

Since the beginnings of space travel, man has left a trail of debris behind him: burned out rocket stages, and disused and damaged satellites, for example. Hundreds of thousands of pieces of space debris are orbiting the Earth. Some scientists say the danger of collision is now so great that the era of space travel may already be nearing its end.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

264700 026

The World's Highest Clinical Laboratory

There can be few places on earth as hostile to life as Mount Everest. The human body is simply not made for the icy, thin air found at such altitudes, air that makes blood more viscous and alters brain and lung functions. But by studying the changes in the body caused by conditions on the world's tallest mountain, a European team of doctors is convinced it can develop new treatments for the critically ill.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

264700 027**Hidden Poison**

You cannot see, smell or taste them, but they can have a serious impact on your health: toxins in food and everyday objects from clothing to toys. Harmful substances lurk at every turn, and primarily pose a threat to children. In a bid to protect consumers, scientists have been working for years on enhanced toxin detection methods.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

264700 028**Research in the Rain Forest – Are Lianas Taking Over?**

As lianas continue their apparently inexorable advance, the equilibrium of the rain forests of Guyana is under threat. As they strive to reach light, the vines suppress everything in their path. Scientists take to the skies in a hot air balloon to investigate the causes and the consequences of this large-scale growth.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

264700 029**Climate Change – A Threat for Historic Buildings**

Climate change is a threat not only to people, animals and plants, but also to monuments. By conducting a series of complex experiments, scientists hope to discover more about the effects of extreme temperature fluctuations and to find new ways to protect murals, valuable furniture and other historical objects.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

264700 030**Mars Mission – Inside the Isolation Pod**

Not to see the sun, not to feel the wind, and to have no contact with their families for 105 days: That is part of the challenge facing six test astronauts in the service of science. An experiment at the Moscow Institute of Biomedical Problems simulates a flight to Mars in order to study the psychological and physical effects of such a long period of isolation.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

264700 031**Communication Without Words – The Language of Facial Expressions**

A furrowed brow, a beaming smile, a twitch of the nose – our face is talking every second, even if we are not saying anything. It can produce more than 10,000 different expressions – with just eight facial muscles.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

264700 032**The Wonderful World of Mushrooms**

Mushrooms are masters of chemistry and cooperation. They cooperate with microscopic algae to become robust hybrids, lichens, which can withstand both Arctic cold and blistering heat. Some of the substances they produce are poisonous to humans, some have a healing or hallucinogenic effect, and others are a source of flavor and aroma.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

264700 033**Don't Panic! – How to Control Crowds of People**

If crowds of people start to panic, this can quickly become dangerous. Scientists, engineers and rescue services are teaming up to find ways to evacuate public places as swiftly as possible in the event of an emergency.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

264700 035**Intelligent Creatures**

Until recently, behavioral research deemed an animal to be intelligent if it is aware of itself. But intelligence manifests itself in many different ways, and recent studies identify intelligent behavior in all kinds of creatures. Is it time to revise our understanding of animals?

Documentary, 30 min., 2013, SD; Arabic, English, Spanish; VoD, IFE, LR

264700 036**Europe's Giant Elephants – Exploring a Lost Biotope**

120,000 years ago, giant elephants roamed the plains of Europe. A spectacular archaeological find in Germany reveals a great deal about the fauna and climate of that era, during which early humans tried to assert themselves over the animal kingdom.

Documentary, 30 min., 2013, HD; Arabic, English, Spanish; LR



264700 037**The Earth's Sensitive Surface**

Biological crusts of mosses, lichens and cyanobacteria cover vast areas of the Earth's surface like a skin. They protect against erosion and destruction – and act as a brake on global warming to a much greater extent than previously thought. But much too little is known about these sensitive layers.

Documentary, 30 min., 2013, HD; Arabic, English, Spanish; LR

264700 038**Bionics – Is Nature the Better Architect?**

Scientists are increasingly examining how complex technical problems are solved in the natural world. Their field of research is known as bionics. Looking at nature's solutions is especially worthwhile when exploring durability and load-bearing structures. How, for example, can sensitive electronic products be transported to customers in a secure and environmentally-friendly way?

Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR

264700 039**Barriers to Knowledge**

Scientific progress has made the world more fathomable. But in many cases, researchers find themselves up against fundamental limitations on their knowledge. The transition between life and death, for example, or the question of human consciousness. The concept of time also presents science with puzzles it has so far been unable to solve.

Documentary, 30 min., 2013, SD; Arabic, English, Spanish; VoD, IFE, LR

264700 040**The Numbers Game**

Mathematics enables us to make complex forecasts and calculations that are of great use in our everyday lives. But maths has a hard time getting a handle on certain complex natural phenomena. What is the relationship between physical reality and the laws of mathematics?

Documentary, 30 min., 2013, SD; Arabic, English, Spanish; VoD, IFE, LR

264700 041**The Essential Conundrum**

Is a vacuum really empty? What are Black Holes? Einstein's theory of relativity and quantum mechanics provide precise answers, but they contradict each other. Physicists are searching for the formula that unites both theories.

Documentary, 30 min., 2013, SD; Arabic, English, Spanish; VoD, IFE, LR

264700 043**Water – The Emergent Energy Source**

Hydropower is the most reliable form of regenerative energy. Engineers are currently testing completely new concepts for its use. For example, they are designing power stations that harness mountain streams or that run effectively on small amounts of water falling from low drop heights.

Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR

264700 044**The Silent Demise of a Species**

Around a third of the world's 5,000 species of amphibian are endangered. Scientists only have a limited understanding of why this might be the case. In Cameroon, two German tropical marine ecologists have spent years conducting research into around 100 indigenous species of frog.

Documentary, 30 min., 2013, HD; Arabic, English, Spanish; VoD, M, IFE, LR

264700 045**Southern Italy – Understanding Volcanoes**

Vesuvius, Etna and Stromboli are among the most intensively explored and monitored volcanoes in the world. Researchers want to be able to predict eruptions more precisely, but this is proving to be difficult. Nevertheless, their work on the volcanoes of southern Italy is helping colleagues in other regions.

Documentary, 30 min., 2013, HD; Arabic, English, Spanish; VoD, LR

264700 047**Tree Protection – Finding Ways of "Fingerprinting" Wood**

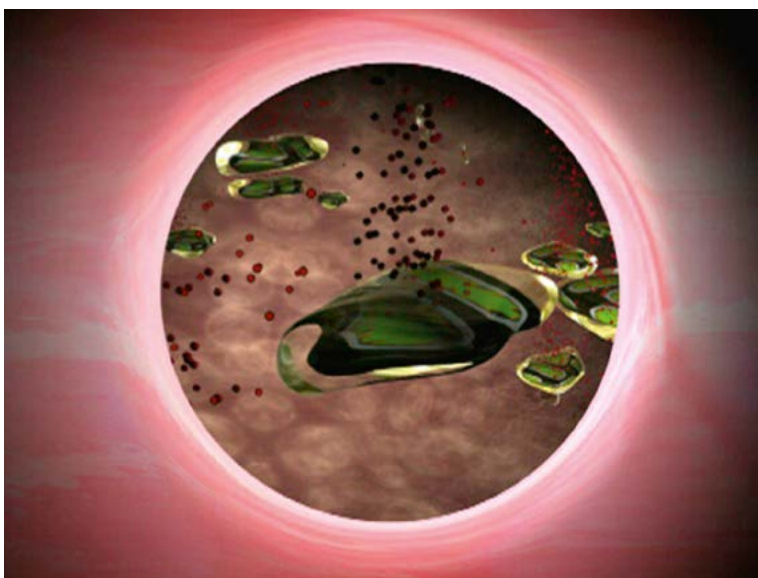
Illegal logging and the illegal trade in timber are destroying many of the world's forests. Scientists are trying to develop ways of identifying wood according to its type and origin. They hope that this will help to crack down on the destructive activities of crooks and smugglers.

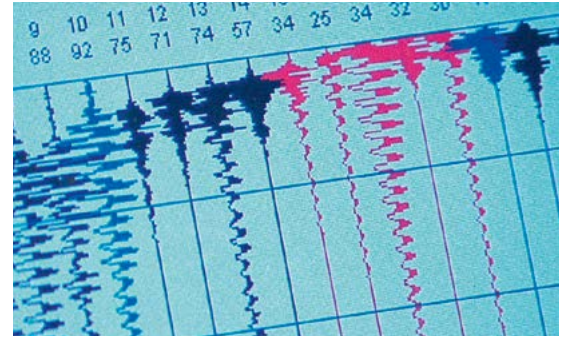
Documentary, 30 min., 2013, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 048**Storm Research – How Meteorologists are Working to Make Flying Safer**

Extreme weather represents a risk to aeroplanes and those on board. Researchers are trying to gain a better understanding of storms in order to try to minimize the danger. German scientists have developed software that is able to predict storms at short notice. The next big step will be to convey these warnings directly to the cockpit via datalink.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; LR





264700 049

Eco-Friendly Chemistry

Almost 90 percent of all chemical industry products are derived from mineral oil. But what will happen when oil reserves run out? Since the early 1980s, the German chemist and entrepreneur Hermann Fischer has focused his attention on the potential of plants. His research has shown that the resins, oils, starches and pigments in plants can replace all petrochemical products.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, M, IFE, LR

264700 050

When the Earth's Magnetic Field Waxes and Wanes

The earth's magnetic field doesn't just help us to navigate with a compass, it also protects our planet from space radiation and cosmic storms. But the field has weakened significantly in recent years. What are the potential consequences of this for humankind? Is there reason to fear a catastrophe?

Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR

264700 051

Over Land and Sea – The Mystery of Bird Migration

The annual migration of billions of birds is a mystery to science. Why do these creatures travel thousands of kilometers? How and when did such migration begin? Using up-to-the-minute technology, researchers hope to discover more about the lives of migratory birds – and thereby improve air traffic safety.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 052

Self-Drive Cars for Safer Roads

Human error is the most frequent cause of car accidents. For this reason, assistance systems and autopilots are playing an increasing role on the roads. Expectations of the new technology are high: enhanced safety, lower emissions and fewer traffic jams. Even cars that drive themselves are no longer simply a futuristic vision.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 053

Bioacoustics – Investigating Animal Language

The sounds animals make are astonishingly diverse. Scientists working in the new discipline of bioacoustics are using extraordinary methods to investigate a huge variety of noises produced by animals. Could these be described as a kind of language? Will it one day be possible to enter into dialogue with animals such as dolphins or elephants?

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 054

The Inscrutable World of Clouds

While research into the nature of clouds continues to yield fascinating new insights, it is also throwing up a number of questions. For example, there are clouds that cool the Earth, and others that cause temperatures to rise. One thing is clear: More information about clouds is needed if we are to make any reliable climate predictions.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 055

High-Tech Animal Research

How do kites choose their route over the Straits of Gibraltar? How do tiny butterflies manage to clear mountain altitudes of 3,000 meters and cover distances of more than 2,500 kilometers? In a bid to answer such questions, as many animals as possible are fitted out with small, extremely powerful transmitters by an international team of researchers.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 056

Adrenaline – The Addictive, Lifesaving Hormone

Adrenaline is a multifaceted hormone. At times of great physical or psychological stress, it swiftly adjusts our cardiovascular system and metabolism to the new situation. But it can also be addictive. In the case of extreme sportsmen and women, some even put their lives on the line in pursuit of new heights of stimulation.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 057**Ticks – Danger in the Woods**

Just one bite from a tick can be enough to infect a person with dangerous pathogens. Recent years have seen an increase in the number of these parasites in Europe. By finding out more about ticks, researchers hope to improve their ability to predict when and where the dangers are lurking.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 058**Running for the Rush**

Endurance sport is becoming a mass phenomenon. But medical professionals observe the trend with mixed feelings. On the one hand, they welcome the fact that more people are leading active lifestyles. But on the other, many recreational athletes are pushing themselves too hard. The intensive pursuit of sport requires good health and regular, long-term periods of training. Otherwise, the strain can damage tendons, ligaments and joints and, in the worst case scenario, cause a heart attack.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 059**Animals as Early Warning Systems**

Scientists have observed changes in the behavior of goats close to the volcano Mount Etna in Italy several hours before an eruption. This would give the local authorities enough time to warn people living nearby. Can the behavior of other animals in other parts of the world serve as reliable predictor of dangers or even epidemics?

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 060**How Animals Feel**

A rat frees another rat from a cage. An elderly chimpanzee adopts an orphaned baby monkey. Two elephants help one another find food. Do such displays of empathy and altruism show that animals are capable of moral behavior? And if this gives them advantages in the battle for survival – does this mean morality is a product of evolution? Behavioral biologists are taking a fresh look at how animals feel, and how they act upon their feelings.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 061**Merapi – Java's Mountain of Fire**

Mount Merapi on the Indonesian island of Java is one of the most active and dangerous volcanoes in the world. It has claimed the lives of thousands of people over the past 100 years. The risk of a major new eruption with potentially global consequences is high. Researchers are trying to understand Merapi's dynamic system.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 062**A Vision of a Zoo to Preserve Wildlife**

Zoos are often viewed as “animal prisons”, even though these days most zoo animals are born in captivity and many zoos take great care to ensure the enclosures are spacious and emulate natural habitats as far as possible. The World Association of Zoos and Aquariums works to ensure that nature conservation and biodiversity are a priority, and that zoos keep the public informed and aware of these issues. Are modern-day zoos managing to meet these challenges?

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, M, IFE, LR

264700 063**Rare Earth Metals – The Future of High-Tech Elements**

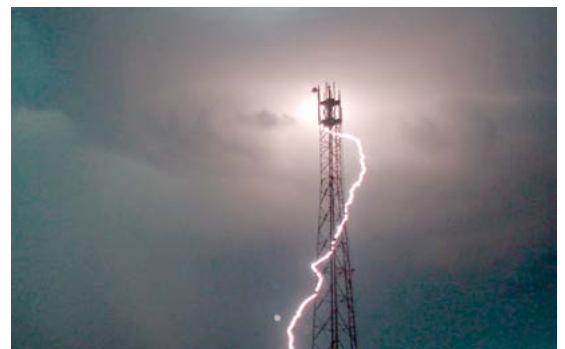
Modern life would be inconceivable without rare earth metals. These are an essential component of high-tech products such as smartphones and hybrid cars. But mining these 17 elements is usually both expensive and damaging to the environment. Efforts are underway to find greener ways to produce the problematic metals, to recycle them intelligently and to replace them altogether.

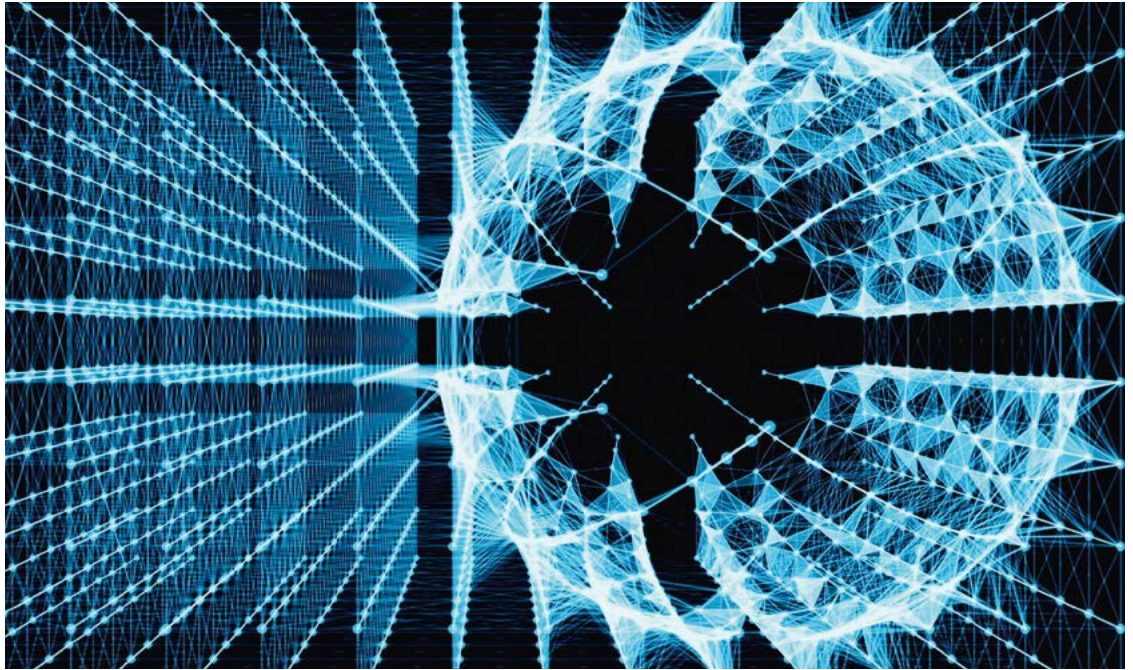
Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 064**Medicine of the Apes – The Jungle Pharmacy**

Animals tend to eat particular plants when they are ill. In the Democratic Republic of Congo, a German biologist has analyzed what bonobos choose to eat. Her findings are of interest to the pharmaceuticals industry, as these plants could yield substances with which to create new drugs. But the bonobos are a species under threat, and what we can learn from them might soon be lost forever.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, M, IFE, LR



**264700 065****Black Holes – Investigating the Phenomenon**

Black holes are not only fascinating to sci-fi writers, but also beguiling to scientists. They are mysterious and they cannot be observed directly. Increasingly sophisticated technology is enabling astronomers to explore uncharted areas of space, giving them new and profound insights into the universe and its history.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, LR

264700 066**Light Pollution – The Disappearing Darkness**

The Earth is becoming ever brighter. But too much artificial light at night can negatively affect the wellbeing of people and animals. Scientists are concerned at what they say are rising levels of light pollution. Is there anything that can be done, without plunging us into darkness? What steps can be taken to make our artificial lighting more sustainable and kinder to our health?

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, M, IFE, LR

264700 067**Mining on the Ocean Floor**

On the floor of the Pacific Ocean, at a depth of four kilometers, there are vast reserves of manganese nodules. These contain many rare metals used in the manufacture of electronic devices. There are fears that extracting these metals could disrupt natural marine rhythms and threaten an ecosystem that we still don't really understand. Scientists are hoping that their research will ease the impact of deep-sea mining on the environment.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 068**Leaving Nothing to Chance?**

Researchers base a whole variety of prognoses on the tide of data generated by advancing digitalisation. Predictive analytics uses data mining to create algorithms to predict trends in society and individual preferences. Such algorithms are of great interest both to the business world and to governments and their intelligence agencies.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 069**Trust Your Gut**

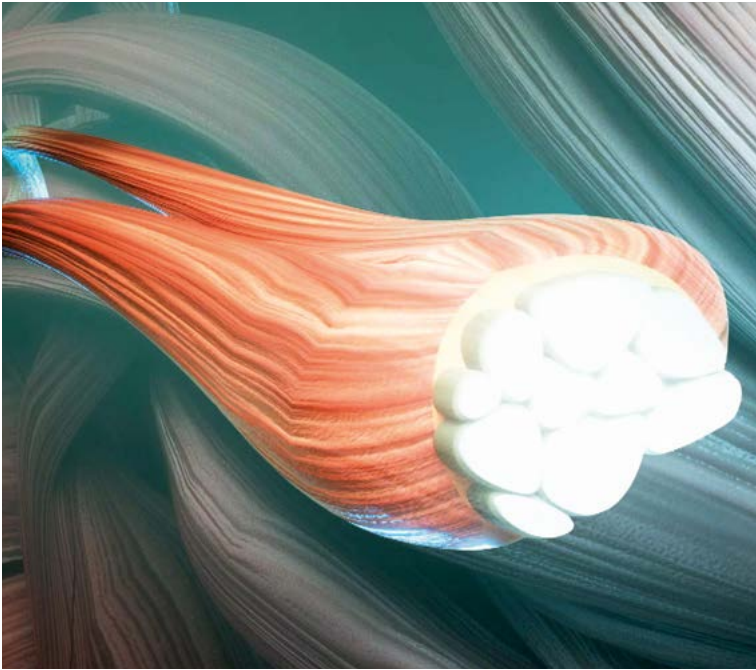
Our intestine is like a second brain: What's known as the enteric nervous system surrounds the entire organ, permanently sending information to the brain and influencing our emotions. Now researchers have discovered that humans fall into three different intestinal groups or enterotypes. Like blood groups, these are not linked to gender, age or ethnicity. The discovery has led to promising developments in the treatment of intestinal disorders and in nutrition research.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 070**The Decline of Alpine Glaciers**

Glaciers are places where the effects of climate change can be seen and measured on a daily basis. The retreat of glaciers in the Alps has been far more rapid than scientists had predicted. This is due to the exacerbation of global warming by local factors. The changes not only impact the Alpine ecosystem. Permafrost holds rocks and scree in place. If it melts, the results could be devastating.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; LR



264700 071

Dangerous Dust from the Desert

Dust storms occur primarily in arid regions of the world. As much as five billion tons of fine particles are whipped up into the air by high winds every year. This results in the affected soil losing its fertility. Dust storms are a danger to human health, crops, transport and technical equipment. Why do dust storms happen? And is there anything we can do to stop them?

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, IFE, LR

264700 072

The Hidden World of Fascia

For a long while, fasciae were considered insignificant – but today we know that the soft connective tissue encases the parts of the human body like a fine mesh, interpenetrating and surrounding all internal organs, even veins and the brain. It forms a whole-body network that helps stabilize the body and keep it upright. Interest in the role of fasciae in a range of ailments is growing. They are also central to some new approaches to medical therapy.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 073

Microplastics in the Ocean

Most plastics never disintegrate, but are simply broken down into increasingly smaller particles until they are invisible to the naked eye. In the oceans, microplastics present a particular problem: What happens to them? Are they eaten by marine organisms? Are they buried beneath the seabed? And what are the effects if they enter the food chain?

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 074

Measuring Emotion

Scientists are working on technology to analyze and interpret facial expressions, language and gestures. They are developing avatars that can register emotions in humans and respond “sensitively”. “Empathetic” robots already serve as teachers’ aids. Data goggles convey their wearer’s feelings in real time. What impact will such technologies have?

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 075

Expedition to the Arctic

The “Vagabond” is a 15-meter research vessel with a shallow draught. The little yacht is home to the French captain Eric Brossier and his family. Scientists from all over the world charter it for their projects. For example, the climatologist Jochen Halfar, who researches the development of sea ice over the last millennium in the Arctic Ocean between Greenland and Canada.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 076

The Secrets of the Molnár János Cave

There’s an extraordinary and little-known subterranean realm in the heart of the Hungarian capital Budapest – a system of water-filled caves known as the Molnár János Cave, which extends over several kilometers. Only experienced divers are allowed to enter. The cave is prized by scientists in several fields because it contains fossils, rare and even unique species of flora and fauna, as well as intriguing mineral deposits. The cave provides an insight into the region’s geological past and poses interesting questions about evolution.

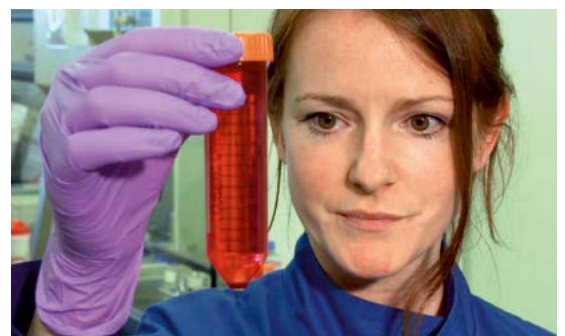
Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR

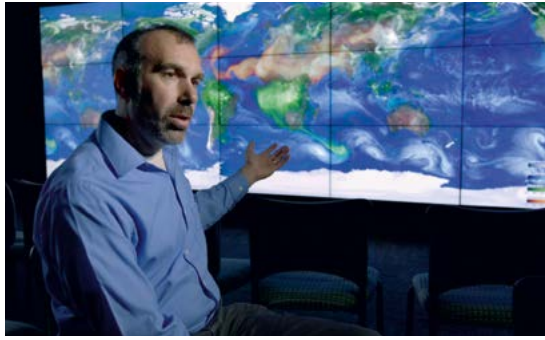
264700 077

Blood in Short Supply

Blood is the elixir of human life and an increasingly scarce commodity. This is because blood donation rates are down despite an increase in need. Researchers and doctors are searching for solutions. One approach is to reduce the number of transfusions. Another, to glean a substitute for human blood: from lugworms, for example, or stem cells.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR





264700 078

Insects: Superstars of Bionics

There are more than a million known species of insect in the world. Sometimes, their talents are akin to superpowers. Bionics is a science that examines ways to apply biological structures and processes to modern technology: for example, you've never seen an ant traffic jam. And the Asian harlequin beetle has the most efficient immune system in the world. Two examples of how insects can help us to solve contemporary problems.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, IFE, LR

264700 079

Bacteria: Life on the Seabed

2,000 meters below sea level it's dark, water pressure is extremely high and undersea springs spew boiling hot water containing toxic substances. These hostile conditions do not deter bacteria, which flourish and form the basis for rich ecosystems with innumerable higher organisms. What is the relationship between these life forms? And what conclusions can be drawn concerning the significance of bacteria for human existence?

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR

264700 080

The Amazing World of Spiders

Spiders are everywhere we go, they're around us all the time as we go about our daily lives, but they're often not very popular with their human cohabitants. Maybe that's why we haven't wanted to know all their secrets. For example, few people are aware that some spiders can fly, some can live underwater, while others spit or dance. And so far, no one has managed to invent a technical material with the same incredible qualities as spider silk.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR

264700 081

Intoxicated Animals

Humans aren't the only consumers of alcohol. Many animals also regularly indulge, and even seem to sometimes enjoy the effects. But can they also get addicted? And does alcohol have the same effect on everybody and everything? Researchers from a variety of fields have been observing alcohol consumption in animals in a bid to gain new insights into the possible prevention and treatment of alcoholism in humans.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR

264700 082

The Dangers of the Acid Ocean

The oceans of the world are absorbing more and more carbon dioxide, making them increasingly acidic. What impact is this having on marine life? Will it be able to adapt to this global change? Or will the creatures of the seas gradually disappear? Time may be running short, so marine biologists are urgently searching for ways to ensure their continued existence.

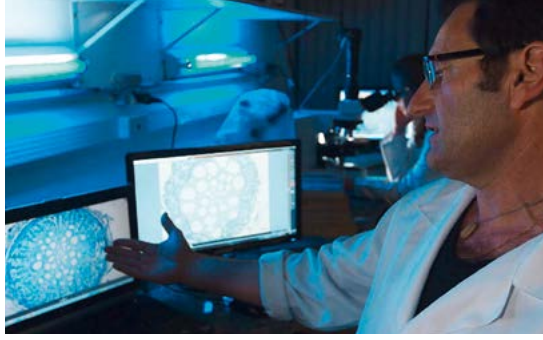
Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR

264700 083

Soil – Bursting with Life

Science today knows more about the moon than the earth beneath our feet. Research has only been conducted on a tiny fraction of the innumerable life forms that populate the upper layers of our soil. It's estimated that 70 percent of still unidentified species live in the earth. Earth is itself a living structure, formed by a vast number of organisms and complex interactions. Not only do animals, plants, fungi, bacteria and viruses live in the earth – they also create it.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, LR



264700 084

Life Deep Below the Ground

The soil's uppermost layers are the most biologically active. Until recently, scientists assumed that extreme conditions in deeper layers made the existence of life improbable. But this does not appear to be the case. New research shows that life forms can also be found deep below the surface of the Earth – and that their interaction with rock is more complex than previously thought.

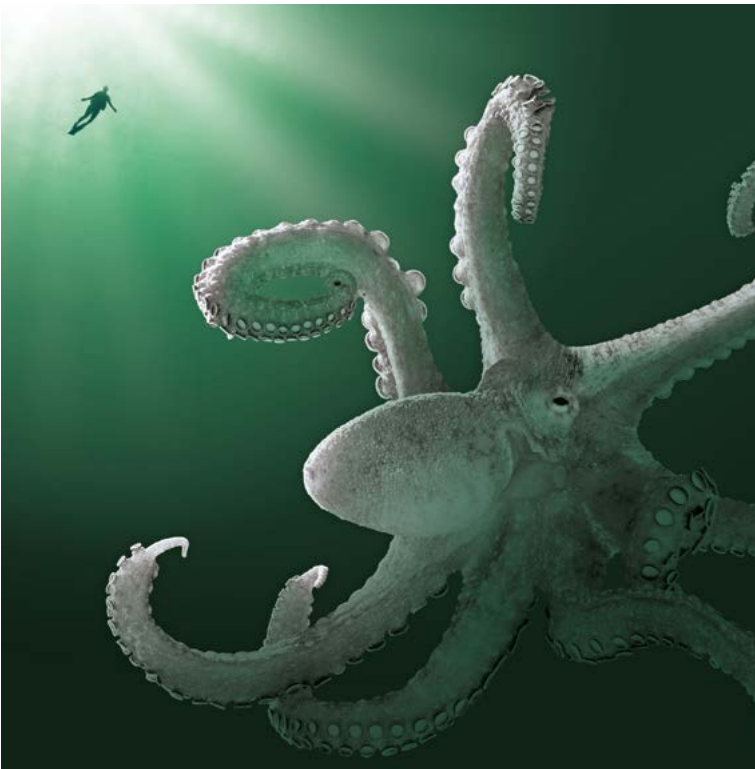
Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, LR

264700 085

Octopuses – Masterminds of the Seas

Some of them have nine brains and three hearts. They have eight legs and a sharp beak, but no bones. Their eyes can make up nearly a quarter of their body weight. And they are able to change the texture and color of their skin. Quite apart from their astonishing physical qualities, there is more: octopuses are among the most intelligent creatures on the planet. We know this from numerous scientific tests performed on a variety of octopus species.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, LR



264700 086

Shipwrecks – Ticking Time Bombs From World War II

It's thought that 6,300 Second World War shipwrecks lie off the coastlines of the world. They've been corroding in the water for more than 75 years, all the while turning into ticking time bombs: scientists believe they contain up to 15 million tons of toxic oil. They pose a huge threat to beaches around the former wartime sites, endangering both biodiversity and tourism. It would be technically possible to pump out the oil – but difficult and expensive. The problem is mostly ignored, even though many of the sunken ships are already leaking oil. Experts warn that the wrecks are entering a critical phase: after corroding for so long in salty water, the slightest impact could be enough to breach their steel hulls.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 087

Science v. the Zika Virus

The Zika virus was first isolated in 1947 in monkeys in Uganda. The first human infections were identified there too, then a few more in Africa and southeast Asia. Only 14 cases in humans were recorded before 2007. So it came as a shock when an outbreak of the virus spread through the Americas, a number of Pacific islands and southeast Asia in 2015. Zika virus disease is generally mild, but an infection during pregnancy can cause serious birth defects. Rarely, it can cause Guillain-Barré syndrome, a neurological disease. Researchers are trying to establish what led to the sudden epidemic and how the virus can cause such damage.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

264700 088

Plants: Can They Think and Feel?

A small but growing number of scientists have introduced the world to a new field in recent years: the neurobiology of plants. Their research challenges the traditional boundaries between the plant and animal kingdoms. They say that plants are able to perceive their environment and react to it. Electrical and chemical signaling appear to play important roles, resembling signal processing in animals. So are plants able to think and feel?

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR



Totally Phenomenal

There is usually something unknown and exciting behind even the most everyday things – one simply has to take a closer look. And that is what Totally Phenomenal does. The series answers everyday questions about the realms of physics, chemistry, biology and geography. In each 15-minute program, a fascinating phenomenon is presented and explained with the help of models or 3D-animations. The programs also focus on the ways discoveries and inventions are used, thus creating a real-life connection for the viewers.

244680

Documentary,
28 x 15 min.,
English, Spanish

20 x 15 min.,
French

244680 001

Rays Create Transparency

From the detection of X-rays and the history of its various applications to computer-aided-tomography and X-ray screening at airports, the report highlights the importance of these invisible rays.

Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 002

Satellites Show the Way

This program explains how a satellite based global positioning and navigation system works and how it is used for supporting air traffic control, navigation systems for cars or for locating ships worldwide.

Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 003

Waves that Warm

Animals and humans alike are able to absorb and make use of the sun's infrared radiation via their skin. In the past, the sun was responsible for a natural greenhouse effect. Now, a human contribution, pollution, may have a snowball effect and lead to dramatic changes.

Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 004

Super Eyes

Being able to see – an important aspect of evolution. But different eyes function and see things differently. We show you fascinating images of what the world looks like from the perspectives of worms, flies or birds of prey.

Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 005

Super Noses

Who has the best nose in the animal kingdom? How can the nose distinguish various scents? What do the odours of perfumes and diapers have in common? This program addresses all the questions from the world of smells.

Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 006

Super Ears

Ears usually make it easy to find the organ with which animals receive sound waves. But there are less obvious ways in which some creatures "hear", or convert those sound waves into signals. Some of these vary greatly from animal to animal. Nature holds a number of surprises.

Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 007

The Trail of DNA

Genetic fingerprints are unique and can be extracted from the smallest skin particles or tiny hairs. DNA determines not only biological development, but also – in criminal investigations, for example – can place someone at the scene of a crime. DNA also provides information on who is related and who is not.

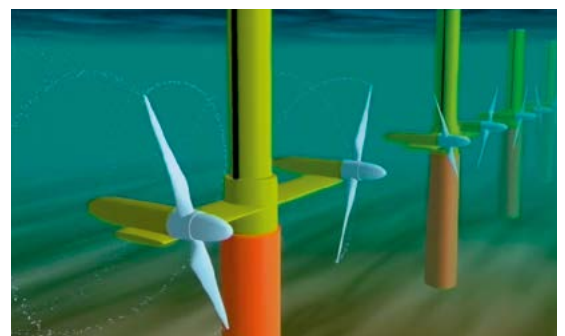
Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 008

Invasion of the Viruses

Experts sound the alarm. A new strain of an influenza virus may cause a pandemic. In a worst case scenario a type of influenza virus, hitherto only fatal for animals, could mutate and become a threat for humans. Do vaccinations offer sufficient protection from a pandemic?

Documentary, 15 min., 2007, SD; English, French, Spanish; LR





244680 009

Pretty Windy

Wind can be a very destructive force, but can also be harnessed for good, in yachting or for windmills. This programme explains the basic mechanisms at work, when breezes become blasts and gusts become gales. A closer look at one of the driving forces behind changing weather conditions.

Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 010

Mr Jonas Dives into the Depths

Mister Jonas fears depth. Diving? No thank you. No air to breathe, pressure on the ears, blurred vision and the threat of nitrogen narcosis. How do animals cope with this hostile environment? Mister Jonas takes a diving course and loses his fear of the deep.

Documentary, 15 min., 2007, SD; English, French, Spanish; LR

244680 011

Currents of Energy

Water and wind power are among the oldest sources of energy, but their importance is set to increase dramatically as the need for environmentally friendly and emissions-free energy grows. This programme introduces several concepts and shows how they work.

Documentary, 15 min., 2008, SD; English, French, Spanish; LR

244680 012

Biofuels

Say bio energy and most people usually just think of the use of biogases. But the commercially available fuel of the future will be produced from plants, and not faeces. What kinds of bio energy exist, and what contribution can they make to our future?

Documentary, 15 min., 2008, SD; English, French, Spanish; LR

244680 013

The Versatility of Crude Oil

The world is dependent on oil. But global supplies are running low. This programme shows how the highly sought-after raw material was formed 150 million years ago, how high-tech equipment is tapping into the last reserves, and highlights the production of materials based on a common primary product, oil.

Documentary, 15 min., 2008, SD; English, French, Spanish; LR

244680 014

From Ore to Steel

Metals are probably the most universal materials in the production of tools, weapons and jewellery. These metals have had a huge impact on the development of humankind. Today, research has switched its focus from copper, iron and steel to primarily light metals.

Documentary, 15 min., 2008, SD; English, French, Spanish; LR

244680 015

Cloning

The first cloned mammal – Dolly the sheep – was presented to the public in 1997, and caused a sensation. Like no other field of research, the highly controversial issue of cloning represents hope for some, and terrifying scenarios for others.

Documentary, 15 min., 2008, SD; English, French, Spanish; LR

244680 016

A Glimpse into Space

Satellites and powerful telescopes provide us with an exhilarating window on space – there we see stars explode, new ones being born, and black holes devouring anything that comes too close. It's a spectacle that can teach us something about our origins.

Documentary, 15 min., 2008, SD; English, French, Spanish; LR

244680 017

The Sense of Touch

Touch is one of the primal senses, important for orientation, the search for food, and social contact. It plays a key role in all of our lives. Intricate computer animations show the different touch sensory nerve cells in action.

Documentary, 15 min., 2008, SD; English, French, Spanish; LR





244680 018

The Sense of Taste

The tongue is a multifunctional organ – we use it to convey food to the back of the mouth, as well as for speech. But that's not all it can do. Elaborate computer animations and models show how the taste buds on the surface of the tongue function.

Documentary, 15 min., 2008, SD; Arabic, English, French, Spanish; LR

244680 019

Glaciers

The fascinating world of glaciers, revealed on a trip around the globe. 3D-animations and time-lapse films explain how glaciers are formed. By studying these highly sensitive indicators of climate change, researchers are trying to assess the future impact of rising global temperatures.

Documentary, 15 min., 2008, SD; English, French, Spanish; LR

244680 020

Nerve Network

Without the body's intricate internal wiring system, we wouldn't even manage to bend a little finger. So much about our body is, so to speak, a "test of nerves". A glimpse at the internal workings of the body shows just how this remarkable nervous system functions.

Documentary, 15 min., 2008, SD; English, French, Spanish; LR

244680 021

Volcanoes

Volcanoes are created when magma rises and breaks through the earth's surface. Experts around the world are always on the lookout for signs of new eruptions so that they can issue warnings. But despite today's technology, totally reliable predictions are impossible.

Documentary, 15 min., 2009, SD; English, Spanish; LR

244680 022

The Tiniest of Clues

It takes more than a police officer's intuition to find out why somebody died a mysterious death. Forensic scientists armed with microscopes are often needed. Insects found on or inside a body can yield vast amounts of information about what happened – information that sometimes even leads to the killer.

Documentary, 15 min., 2009, SD; English, Spanish; LR

244680 023

Greenhouse Earth

Without the greenhouse effect, the earth would be an ice-cold, uninhabitable planet. But since the advent of industrialization, the increase in greenhouse gases has brought with it disastrous consequences for the climate and the environment.

Documentary, 15 min., 2009, SD; English, Spanish; LR

244680 024

Sticky Situation

Geckos and flies can walk on vertical surfaces. Unfortunately insects often meet their fate stuck to a spiderweb or a carnivorous plant. Scientists are looking into how methods of adhesion found in nature can be put to technological use.

Documentary, 15 min., 2009, SD; English, Spanish; LR

244680 025

From Dinner to Dung

Animal and human bodies extract the nutrition they need from food, then expel the rest. That's where nature's recycling service comes into play, thanks to the dung beetle and other tiny helpers.

Documentary, 15 min., 2009, SD; English, Spanish; LR

244680 026

Suction Systems

Suction pads are in use everywhere – from the bathroom shower mat to the mount for a car's navigation system. Nature mastered the principle of using a vacuum to fasten things millions of years ago. The study of suction systems in animals is proving very useful in developing new suction technologies.

Documentary, 15 min., 2009, SD; English, Spanish; LR

244680 027

Nuclear Power

Some say nuclear power will solve the world's energy problems; others say it is far too dangerous. Nuclear fission has been used for half a century now to generate electricity. This film explains how it works and takes a look at the security measures at a new nuclear power plant being built in Finland.

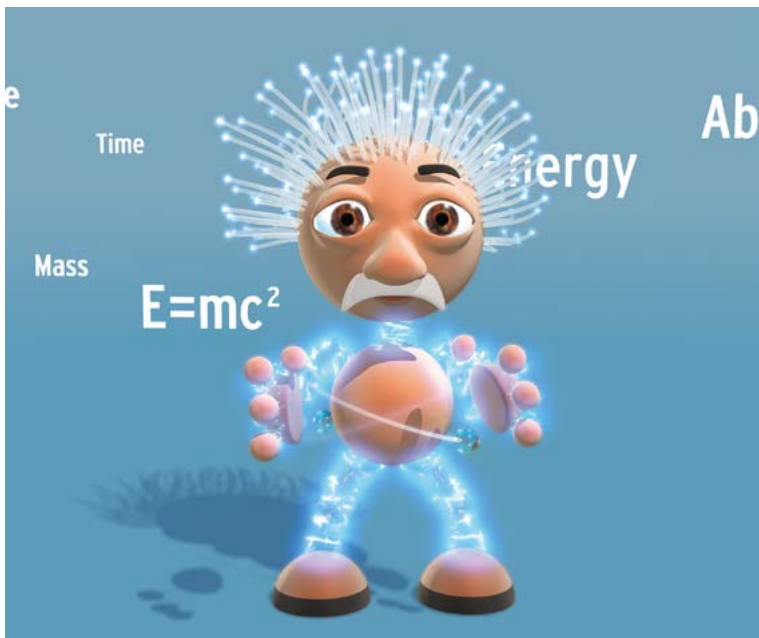
Documentary, 15 min., 2009, SD; English, Spanish; LR

244680 028

Geothermal Energy

The scorching, seething core of our planet is an immense and largely untapped source of energy. Geothermal energy could become an interesting alternative to fossil fuels, which are expensive and contribute to global warming. Iceland already taps the earth's heat. In principle, geothermal energy can be harnessed almost anywhere.

Documentary, 15 min., 2009, SD; English, Spanish; LR



EinSteinchen

$E=mc^2$ – the most famous formula in the world. Everyone knows it, but very few know what it actually means. This is true of most of Albert Einstein's revelations. You don't have to be a genius in physics to understand our program. Whether it's the photoelectric effect or the relativity of time, the virtual figure EinSteinchen will help you understand the ideas behind Einstein's work in a simple and straightforward fashion. In twelve 90-second, elaborately animated clips, the virtual whiz explains the great scientist's most important discoveries. EinSteinchen speaks directly to viewers, and makes them want to learn more about the basic principles inherent in Einstein's theories. He explains difficult concepts using amusing and fascinating examples that anyone can understand.

124666

Animation,

12 x 90 sec.,

2005, SD;

Albanian, Arabic, Bengali, Bosnian, Bulgarian, Chinese, Croatian, English, French, German, Greek, Hindi, Indonesian, Macedonian, Persian, Polish, Portuguese, Romanian, Russian, Serbian, Spanish, Turkish

WW, VoD, M, IFE

124666 001

Absolute and Relative

It's all a question of perspective! EinSteinchen provides a simple example revealing how size – depending on your point of reference – is actually relative.

124666 002

$E=mc^2$

Einstein's famous formula! EinSteinchen explains that energy can turn into mass, while mass can likewise be converted into energy. This second process, for example, constantly occurs in our sun.

124666 003

The Discovery of Slowness

What is the 'relativity of time'? EinSteinchen shows how time changes when traveling through space. Of course, speed also plays a role. An external observer watching a clock on a spacecraft that was accelerating through space could see time 'slow down' as the ship gained speed.

124666 004

As Fast as Light

EinSteinchen explains that light always moves at the same speed, and why nothing can be faster than light.

124666 005

Glowing Atoms – Stimulated Emissions

How does a laser apparatus create its special, highly concentrated beam of light? EinSteinchen explains the role that 'excited' atoms play in the process.

124666 006

The Supermolecule – Bose-Einstein Condensation

When EinSteinchen drops the temperature of molecules close to absolute zero, they change state and begin behaving like a single 'wave'.

124666 007

The Spooky Long-Distance Effect

EinSteinchen takes a look at a paradox. Two particles can continue to be 'entangled' with each other even if they're far apart in space.

124666 008

Bent Space

EinSteinchen shows how incredibly massive objects exerting enormous gravity actually bend space, and how even light follows the curve.

124666 009

Dancing Particles

Molecules are in constant motion. Even inanimate particles can move in seemingly unpredictable ways. EinSteinchen explains how the forces that play a role in interactions between molecules can be defined by formulas.

124666 010

Electricity from Light

Light can exhibit the characteristics of either a particle or an electromagnetic wave. That's why light energy can be converted into electrical energy. EinSteinchen shows us how.

124666 011

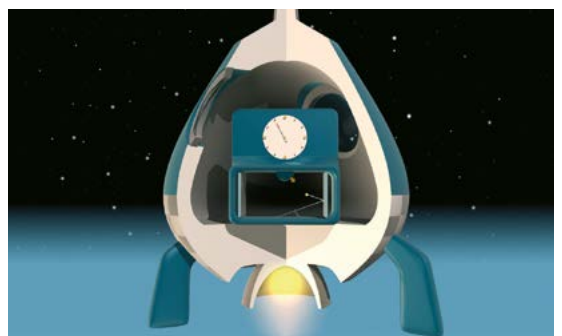
The Invisible Force

EinSteinchen reveals how the forces of gravity exerted by stars and planets keep everything in the universe in motion.

124666 012

Wormholes

Theoretically, two black holes could distort space-time in the universe so extremely that they would create what's called a 'wormhole'. EinSteinchen explains how a theoretical journey through this kind of cosmic tunnel could provide shortcuts across the enormous distances of space.





EinSteinchen

124665

Clips,

12 x 03-05 min.,

2005, SD;

Albanian, Arabic,
Bengali, Bosnian,
Bulgarian, Chinese,
Croatian, English,
French, Greek,
Hindi, Indonesian,
Macedonian, Persian,
Polish, Portuguese,
Romanian, Russian,
Serbian, Spanish,
Turkish

WW, VoD, M, IFE

124665 001

Nuclear Medicine: A Formula and its Results

When an atom in a radioactive element decays, then part of the matter that makes up its nucleus is transformed into energy. This is part of the proof that backs up Einstein's realization that mass and energy are two sides of the same coin. Without Einstein's discovery that is expressed in the formula $E=mc^2$, some later medical developments would not have been possible. Artificially produced radioactive substances known as radiopharmaceuticals play a major role in modern medical diagnostics and research.

124665 002

Satellite Navigation – Einstein's Contribution to Galileo

Time is relative – in the field of satellite navigation, Einstein's theory has practical applications. In space, clocks tick differently than they do on Earth. But the accuracy of satellite navigation systems is dependent on how precisely the atomic clocks on board can measure time.

124665 003

The Speed of Light – Part 1: Light Researchers

At the root of Albert Einstein's Special Theory of Relativity is the assumption that the speed of light never changes. Einstein said that the speed of light is a universal constant, one that always remains the same no matter where you are. Is that really the case? European researchers now want to conduct an experiment in space to find out.

124665 004

The Speed of Light – Part 2: Radar Satellite

The speed of light also standardizes the exact length of a meter. That's important for large-scale surveys like those slated to be carried out by the radar satellite TerraSAR-X. The radar satellite will begin surveying Earth's surface with an accuracy never before seen in civilian applications. The new satellite, for example, will be able to map the ongoing urban sprawl of some of the world's largest cities.

124665 005

The World's Fastest Flash

Laboratories all over the world have been taking part in a competition to create shorter and shorter flashes of laser light. Now physicist Ferenc Krausz has broken a new barrier. He's first to produce an attosecond pulse. An attosecond is an unimaginable 0.000 000 000 000 000 001 of a second long. The technique that Krausz used is based on Einstein's prediction of stimulated emission. The great physicist's hypothesis helped lay the foundations for the development of that incredibly versatile tool – the laser.

124665 006

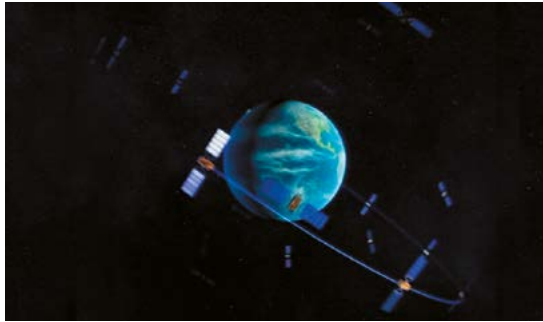
Juggling Ultra-Cold Atoms

Though he's just 32 years old, Immanuel Bloch is already a professor of physics at the University of Mainz. He's an expert on a state of matter that was predicted by Albert Einstein – Bose-Einstein condensation. Immanuel Bloch has now taken things a step further. He has become the first to crack the Bose-Einstein condensation wave and regularly arrange several hundred of these special atoms into a glowing grid. In the future, grids like these could make up the basic elements of a new kind of supercomputer.

124665 007

Cloned Atoms Through Teleportation

For the first time ever, Rainer Blatt was able to transfer the state of one atom to another. Although the process is called 'teleportation', no matter is transported from one spot to another. Instead, information leaps the gap. To achieve his goal, Blatt made use of what Albert Einstein described as the 'spooky action-at-a-distance between particles'. The discovery is a scientific sensation, even though the teleporting distances crossed up until now have only been a few hundredths of a millimeter.



124665 008

Cosmic Telescopes: Discovering Distant Galaxies

According to a theory first put forward by Albert Einstein, a large body of mass curves space and the light that traverses it. Clusters of galaxies create what are known as gravitational lenses. Astrophysicist Joachim Wambsganz has spent years studying this phenomena in deep space. He searches and maps massive celestial objects such as galaxies that possess strong gravitational fields. These curve or bend the space around them, and force light from even more distant galaxies and objects into a curved rather than a straight trajectory. The process also 'bundles' the light, focusing and increasing its intensity.

124665 009

Racing down Einstein's Paths

Molecules in gas and fluids tend to behave in unordered and random ways. This phenomenon, first identified by the Scottish botanist Robert Brown and therefore named Brownian Motion, was also of great interest to Albert Einstein. In 1905, he published his studies on Brownian Motion. Today, his findings can help researchers solve many of the problems linked to the movement of particles.

124665 010

Organic Solar Cells

What a pain: the cell phone has to be charged at the mains every few days. But in future that could be rendered obsolete by a portable charging unit in a jacket. It consists of wafer-thin organic solar cells. Like conventional silicon cells, the organic solar cells convert light energy into electrical current. The principle behind it is the photoelectric effect. Albert Einstein received the Nobel Prize in 1921 for his explanation of this phenomenon.



124665 011

The Search for a Theory of Everything

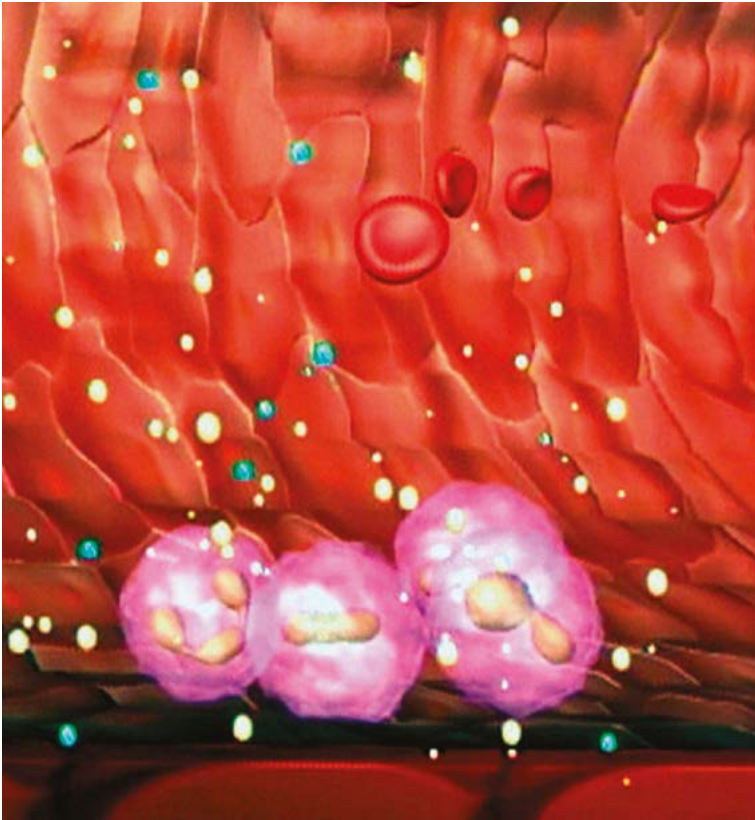
For much of his life, Albert Einstein sought a formula that would describe and encompass all four fundamental forces. He failed to find a unifying theory. The tunnel in Geneva is huge – and it runs in a circle that's 27 kilometers long. Thousands of scientists all over the world are waiting with bated breath for experiments to begin in the Large Hadron Collider. It's hoped that the gargantuan apparatus will be able to generate a kind of small scale Big Bang, lasting for just fractions of a second, that will recreate the conditions just after the birth of the universe.

124665 012

Time Travel Through Wormholes – Nothing More than a Dream?

As early as 1935, Albert Einstein and Nathan Rosen recognized that relativity theory did not rule out 'bridges' through space-time. Today, we call these hypothetical pathways 'wormholes'. Physicists nowadays admit that time travel through wormholes is at least theoretically possible, although journeys into the past or future have remained firmly in the realm of science fiction.





TeleMed

264607
Documentary,
51 x 30 min.,
 Arabic, English,
 Spanish

02 x 30 min.,
 French

Huge progress has been made in medicine over recent decades. For example, the discovery of fiber optics has made it possible to take a close look at the stomach and intestines. Magnetic resonance imaging creates three-dimensional images without using harmful X-rays. Advances in intensive care, transplantation and genetic engineering are making it possible to tackle diseases previously regarded as incurable. But there is still much uncharted scientific territory, for example with regard to diseases that have only emerged with our civilization.

264607 027
Healing Power from the Desert – Secrets of the Bushmen

Devil's claw is regarded as the most effective remedy against arthritis. In the struggle for survival, the Hoodia cactus from the Kalahari is taken as an appetite inhibitor. Is the knowledge of the inhabitants of the desert being exploited?

Documentary, 30 min., 2007, SD; Arabic, English, French, Spanish; LR

264607 028
Healing Power from the Desert – Secrets of the Xhosa

The anti-viral and bacterial properties of sutherlandia frutescens, a South African shrub, bolster the immune system, stimulate the metabolism, and are used to combat secondary diseases associated with AIDS.

Documentary, 30 min., 2007, SD; Arabic, English, French, Spanish; LR

264607 040
Hospital Death

The spread of the so-called superbacteria through hospitals around the world is worrying. "Super bugs" such as Methicillin-resistant Staphylococcus aureus or MRSA, which causes infected wounds, lung infections and sepsis, have raised great concern because of their resistance to conventional antibiotics.

Documentary, 30 min., 2009, SD; Arabic, English, Spanish; LR

264607 041
Stem Cell Research in the Fight Against Cancer

Recent research seems to indicate that cancer originates in stem cells that trigger tumour growth and cannot be killed off by chemotherapy. The results of the latest studies could provide the basis for a new therapy in which antibodies specifically target the cancer stem cells and destroy them permanently.

Documentary, 30 min., 2009, SD; Arabic, English, Spanish; LR

264607 042
Nanoparticles and Bioweapons Against Cancer

Scientists hope to come up with a new treatment for prostate cancer with the help of an immune therapy based on a toxic metabolic product of a particular kind of bacteria. Tiny nanoparticles convey the anti-cancer therapeutics in this innovative form of locally applied chemotherapy.

Documentary, 30 min., 2009, SD; Arabic, English, Spanish; LR

264607 043
Fungi and Larvae – Nature's Antibiotics

Researchers are increasingly turning their eye to nature's antibiotic reserves, as widening immunity to conventional antibiotics means a reduction in efficacy. Pathogens can't become resistant to these alternative natural antibiotics, which employ a different and unique mechanism to inhibit their growth.

Documentary, 30 min., 2009, SD; Arabic, English, Spanish; LR

264607 044
From Plant to Pill – Hops as a Medicine

Hops have been used for centuries in manufacturing pharmaceuticals. In addition to being known for the effective treatment of anxiety, hops have been shown to possess an astounding therapeutic potential for the future treatment of cancer, diabetes, heart problems and AIDS.

Documentary, 30 min., 2009, SD; Arabic, English, Spanish; LR

264607 046
The Addiction Phenomenon

Medical experts and scientists are in agreement that addiction – be it drug-related or behavioural – is a "real" illness, which is linked to detectable changes in the brain. This film looks at the latest findings of the Interdisciplinary Centre for Addiction Research at the University of Würzburg.

Documentary, 30 min., 2009, SD; Arabic, English, Spanish; LR

264607 047

The Placebo Effect

When a sick person feels better after being given medication containing no active drugs whatsoever, this is known as the placebo effect. Although scientists have long been familiar with this effect, they have only just begun to try to explain it. Now they have evidence linking the placebo effect to parts of the cerebral cortex thought to be involved in developing expectations for the future.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

264607 049

Medical Advancement Through Space Travel

Space travel programs generate a huge amount of scientific research. Many space-related discoveries and inventions are now part of our daily lives. The relatively new science of space medicine utilizes insights from space travel to further the advancement of clinical diagnostics and the treatment of diseases.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

264607 050

The Fight Against Breast Cancer

It is estimated that 350,000 women are diagnosed with breast cancer every year in Europe alone. Exact numbers are not available. Nor is there much information on the impact of advances in the prevention, therapy and aftercare of breast cancer. One thing is clear though – survival rates have definitely improved.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

264607 051

Deafness: A Thing of the Past?

Could deafness and hearing loss soon be an affliction that no one suffers from anymore? Doctors and scientists believe this to be a realistic vision. They have developed what is apparently a miracle cure for deafness – the cochlea implant. But this technical innovation has been rejected by some deaf people, who do not view their condition as an illness that needs to be cured.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

264607 052

Bacteriophages – An Alternative to Antibiotics?

During the Cold War the Soviet Union was cut off from western advances in antibiotics research and therapy. But it developed its own tradition of using bacteriophages to tackle infections. Bacteriophages are viruses that destroy bacteria. Some are believed to do so without harming the patient. The main center for work on bacteriophages is in present-day Georgia. While bacteriophage therapy is used there, it is not permitted in many countries because its effectiveness has not been adequately demonstrated.

Documentary, 30 min., 2011, HD; Arabic, English, Spanish; LR

264607 054

Tackling Cancer with Heavy Ions

Some tumors cannot be completely removed by surgery. Affected patients are now pinning their hopes on a newly developed heavy-ion accelerator. Using powerful magnetic fields, the device charges particles into a beam that can destroy diseased tissue with the utmost precision.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

264607 056

The Power of Protein – Can It Help Treat Cancer?

Scientists have discovered that patients with skin, liver or colon cancer have reduced levels of CYLD. It is a protein that inhibits the growth of tumors. But it will be some time before these findings can be applied to the development of any new cancer therapies.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

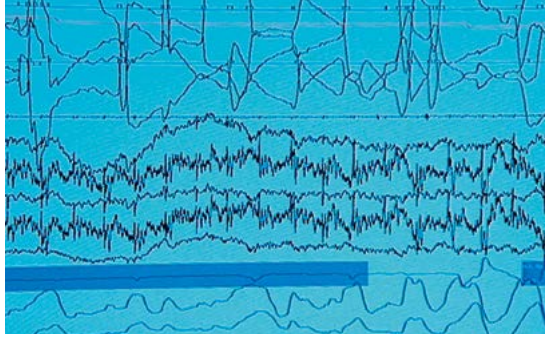
264607 057

Update on Aspirin

Aspirin is one of the best-known medications in the world. It is usually taken to alleviate pain. But recent research indicates that it may have significant other uses, for example in the prevention of colon cancer.

Documentary, 30 min., 2012, HD; Arabic, English, Spanish; LR





264607 058

Women Get Sick Differently

When it comes to afflictions of the body and mind, women deal with them in a different way to men. Women also experience illness in different ways. These well-known facts are rarely considered by doctors, scientific research and the pharmaceuticals industry. There are however signs that this attitude is changing, albeit slowly, within the medical industry, which is dominated by men.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

264607 059

The Stone Age Approach – A New Take on Old Remedies

Scientists around the world are currently fascinated by a new perception of the human body. They are attempting to understand how our evolutionary history has influenced the kinds of diseases that affect our lives, and are developing treatments from knowledge of how people lived in the Stone Age.

Documentary, 30 min., 2012, HD; Arabic, English, Spanish; LR

264607 060

Flu Vaccines – A Challenge for Science

Flu viruses are highly adaptable. Researchers track down suspicious mutations and dangerous viral combinations across the globe. In response to a rise in new strains of potentially lethal flu, the scientists' goal is to develop super-flu vaccines early enough to prevent epidemics.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; LR

264607 061

When Back Pain Strikes – Which Treatments Can Help?

Back pain is a common complaint in the modern world. One key cause would appear to be an increase in pressure and stress in the workplace, resulting in prolonged tension in the muscles of the back. Latest research shows that such pain can be alleviated using a combination of different therapies.

Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR

264607 062

The Crucial First Hour – New Emergency Rescue Concepts

In a medical emergency, it is essential to initiate treatment as quickly as possible. Doctors all over the world are developing new strategies to make optimal use of the first hour following the occurrence of a traumatic injury. That window of opportunity is known as the 'golden hour'.

Documentary, 30 min., 2014, SD; Arabic, English, Spanish; VoD, LR

264607 063

Covering up the Evidence – When Doctors Make Mistakes

Tens of thousands of people die every year as a result of mistakes in their medical treatment. Fear of the consequences often leads doctors to cover their errors up or deny them. But the frequency of such mistakes can be considerably reduced with the help of systematic analysis, simple checklists and regular training.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; LR

264607 064

Tuberculosis – A Disease Returns

For decades it was thought that tuberculosis had been eradicated. Now the disease is spreading again – at an alarming pace. The pathogens have developed resistance to the usual antibiotics. Because research into TB ceased, no new drugs are available. So the battle has recommenced.

Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR

264607 065

The Burnout Enigma

It would appear that nowadays nobody is safe from the threat of burnout, whatever his or her occupation. Burnout, or long-term exhaustion, is primarily caused by perpetual pressure and stress in the workplace. Various therapeutic approaches are being explored, but the best protection is provided by mindfulness and prevention.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, LR



264607 066

Healing Foods

Can changing your eating habits not only prevent the occurrence of disease, but cure illness as well? An increasing number of conventional medical practitioners are embracing ideas and methods developed in traditional Ayurvedic medicine. A change in diet can make a big difference even for patients with certain forms of cancer and heart disease.

Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR

264607 067

Healing in Harmony with the Body Clock

These days, many people lead lives that are out of synch with the body's natural healthy rhythm. The consequences are insomnia, depression, diabetes, even dementia. By administering doses of medication in harmony with the body clock, doctors are achieving astonishing results.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

264607 068

Electric Shocks Against Pain – New Approaches in the Treatment of Migraines

Often, it's a long time before migraine sufferers are correctly diagnosed. But now it's possible to spot and treat the disease early. One option is botox, another electric impulses that block the nerves at the back of the head.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR

264607 069

Varicose Veins Adieu – The Possibilities of Radiowave Therapy

Patients with varicose veins are usually advised by doctors to have the affected veins removed from the leg. It's an effective, but messy treatment. Radiotherapy is a gentler method. It's just as effective, and involves hardly any loss of blood.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR

264607 070

No More Joint Pain – Treatment Using the Body's Own Cells

It sounds like a vision of the future: A defective part of the body is reproduced in a test-tube using the body's own cells and repaired. In the case of injured joints such as hips, knees or shoulders this is no longer a vision, but a reality.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR

264607 071

When Cold Saves Lives – The Power of Cool Temperatures

It's not a pleasant experience to wait for 10 minutes in a cold chamber at a temperature of minus 110 degrees Celsius – but for patients with severe rheumatism, it's an effective way of alleviating pain for long periods. Cold is also used as a treatment to prevent brain damage in stroke patients.

Documentary, 30 min., 2015, SD; Arabic, English, Spanish; LR

264607 072

Cancer Prevention – Opportunity or Risk?

Everyone fears a cancer diagnosis. That's why many people attend precautionary examinations. But scientists are regarding these with increasing skepticism. This is because early screening tests aren't always reliable. A false diagnosis can plunge patients into a crisis, or result in them being given unnecessary treatment.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

264607 073

Stroke – Every Minute Counts

Every year more than 15 million people around the world have a stroke. Almost half of them then have to contend with the resulting damage to their health. Doctors hope a new range of treatments will help reduce this number significantly.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

264607 074

Prostate Cancer – Gentle Treatment Provides Hope

Prostate cancer is one of the most common cancers in men. New, gentler operative procedures can target aggressive tumours more precisely without complete removal of the prostate gland.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; LR

264607 075

Rheumatism – How to Relieve the Pain

Rheumatism is an umbrella term for a variety of ailments affecting the joints, bones, muscles, tendons and ligaments that often cause intense pain. There is still no cure for rheumatic diseases, but there are various ways to ease the pain.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; LR



264607 076

Back to Life – How Medics Are Outwitting Death

In cases where there used to be no hope of saving a life, doctors today can do exactly that if the right equipment is to hand. For example, mobile heart-lung machines, mechanical cardiac massage devices and cooling mats to decelerate damage to and loss of brain cells.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR

264607 077

Pain – A New Approach to an Old Complaint

The brain is capable of deciding on a case-by-case basis whether and how intensively we experience pain. It is even able to blank out pain altogether. This insight is finding increasing application in the treatment of disease.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; LR

264607 078

Battle Against Sepsis – New Research Brings Hope

Sepsis must be treated quickly to prevent organ failure or death. A new device makes it possible to diagnose sepsis quickly and easily, and there has been progress in developing a drug to fight the potentially life-threatening condition.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; LR

264607 079

Alcohol Addiction – Are Brain Pacemakers the Cure?

Doctors in eastern Germany are attempting to cure people of alcohol addiction by using a brain pacemaker that is normally used in the treatment of Parkinson's disease. Electrodes are implanted in the brain to suppress the craving for alcohol.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; LR

264607 080

Chronic Disease – Protection Through Germs

One in every three children in Europe is chronically ill, while in the US completely healthy children are the exception. Doctors suspect that too much hygiene may be the reason. Studies show that exposure to germs and dirt boosts the immune system to keep us healthy.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

264607 081

The Human Microbiome – Maintaining Good Health with Useful Bacteria

The skin, intestine and numerous other human organs are home to a multitude of micro-organisms. Not only are these harmless, they actually make vital processes such as digestion possible. But these microbe communities are often damaged by an unbalanced diet, antibiotics or excessive hygiene, resulting in serious illness.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, LR

264607 082

Elimination Using Microparticles – The Gentle Alternative to Surgery

Many women are diagnosed with benign uterine tumours. When they cause severe symptoms, gynaecologists can recommend removal of the uterus. But there is a less drastic alternative: Blocking the flow of blood to the tumours with small particles. A similar method is used to treat benign prostate enlargement in male patients.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

264607 083

The Doctor as Detective – Tracking Down Unknown Diseases

There are cases in which doctors simply cannot identify an ailment. Some patients consult numerous specialists over the years without ever getting a diagnosis or therapy. A German cardiologist has set himself an ambitious goal: to find the correct treatment for patients whose symptoms challenge the standard diagnostic scheme.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

264607 084

Blocked Arteries – Identified Early, Treated Carefully

It's usually older people who suffer from blocked leg arteries. That almost always causes severe calf pain and can result in a heart attack or stroke. But if the problem is spotted early enough, there are gentle ways to restore blood flow.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

264607 085

Food Intolerance – Not Just a Fad Diagnosis

For some, avoiding foods that contain gluten, lactose or fructose is a lifestyle choice. For others, it is a medical necessity. But the fact that some people are intolerant of these substances does not mean that pasta products, dairy products or certain fruits are basically harmful. Those with sustained digestion problems should see their doctor, as intolerances and allergies can pose serious health risks.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR



264607 086

Sleep Disorders – An Overlooked Risk to Health

We've known for a long time that restorative sleep has a key influence on our general health. However, research by physicians and neurobiologists into exactly what happens during sleep only began in recent decades: How does our brain process the perceptions of the day? How do organs and muscles regenerate? Research shows that diabetes, obesity, depression and cancer can be closely linked to a lack of sleep. But many of those affected view sleep disorders as a burden rather than a serious risk to health.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, M, IFE, LR

264607 087

Immunotherapy – A Ray of Hope for Cancer Patients

Immunotherapy is a promising treatment for patients with advanced skin, bladder, lung or kidney cancer. The body's own immune system is stimulated with what are known as checkpoint inhibitors in such a way that it attacks tumor cells more aggressively. As a result, even patients thought to be no-hope cases are given a realistic chance of survival. In other cases, the disease is at least temporarily kept in check. But not all cases respond to the therapy.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

264607 088

Multimodal Therapy – Alleviating Chronic Pain

Many patients with chronic pain are not getting effective, long-term relief. Although medical science is now aware that pain is more than just the body's response to an irritant, it often just treats the symptoms. It is becoming increasingly evident that alleviation may be possible if physical, psychological and social factors are considered together. Therapy on several levels is yielding astonishing success.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, LR



264607 089

Caesarean – Emergency Operation or Standard Procedure?

Around the world today, more than twice as many children are delivered via caesarean than 20 years ago. Many doctors take a critical view of this development, which is occurring mainly in a number of industrialized nations. There is no question that, in some situations, the operation is the best option for mother and baby. But if it is not medically necessary, a c-section can have negative side-effects – not just for the mother, but also for the child.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

264607 090

Forgetfulness or a Sign of Dementia? – The Early Detection of Alzheimer's

Dementia can affect anyone. Even middle-aged people can fall ill if they have a particular genetic disposition. Are there ways to detect Alzheimer's disease early? How far have treatments progressed? And what strategies are in place to facilitate daily life for those affected by dementia?

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

264607 091

When Fear Makes Us Ill – Overcoming Anxiety Disorders

Anxiety disorders and panic attacks can make life unbearable. Many of those affected withdraw rather than seek help. But nowadays there's a range of treatments available tailored precisely to the different manifestations of such disorders. Research has also found out more about the causes: as well as traumatic events, genetic factors appear to play a role.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

264607 092

Groundbreaking Therapies – New Approaches in the Treatment of Cancer

What factors contribute to the emergence of cancer cells? Research into this question has paved the way for new approaches in the treatment of the disease. These promise improved recovery prospects and fewer side effects than those experienced during standard treatment. Among the innovations: immunotherapy as both prophylaxis and treatment, and the use of nanoparticles that target and destroy tumor tissue.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, M, IFE, LR



Struggle for Survival

One in every four species of mammal, one in every eight species of bird and a third of all amphibian species are threatened with extinction. The diversity of life on our planet is declining at an alarming rate. The International Union for Conservation of Nature's Red List of Threatened Species shows that not enough is being done to save them. The number of species on it has increased dramatically. Immediate, drastic action is required to preserve valuable habitats and halt the extinction of species.

264702

Documentary,
35 x 30 min.,
Arabic, English,
Spanish

06 x 30 min.,

French

264702 001

Grzimek's Legacy in Africa

The Swiss biologist Dr. Markus Borner is one of the conservationists who worked personally alongside Prof. Dr. Bernhard Grzimek. Together with his son Michael, Grzimek produced the movie "The Serengeti Shall Not Die", the first German documentary film to be awarded an Oscar. The Serengeti is Dr. Borner's place of work. The TV crew joined him on an excursion to see just what has become of Grzimek's legacy.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

264702 002

Hama - A Rhinoceros, a Stranger in Africa

A young black hook-lipped rhinoceros comes from Frankfurt Zoo to Africa, to boost dwindling numbers of the endangered species as quickly as possible. A zoo animal released into the wild has much to learn: it must cope with a new environment, learn to locate food independently, and find its place among the wild animals whose territory it must now share. Will Hama overcome the challenges?

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

264702 003

Grzimek's Legacy in South America

Prof. Dr. Bernhard Grzimek was the man who brought the animals of this world into German living rooms, with his television series "Ein Platz für Tiere" (A Place for Animals). When he let a fully-grown South American marine iguana run over his desk, a creature he knew Germans had never seen before, he not only fascinated people, he also mobilised them to support the preservation of the world's last paradises. The camera crew follows in the footsteps of those who have taken up Grzimek's cause, and who fight for the protection of threatened habitats and species in South America.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

264702 004

Bears in the Andes

Few South Americans are aware that they share their homeland with a large species of bear: the Spectacled, or Andean Bear. The animals are descended from the largest primeval beasts of prey bears since the demise of the dinosaurs. They are still threatened with extinction to this day. Their natural habitat, the cloud forests of the Andes, is continually in decline, and they are also at the mercy of hunters.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

264702 005

Grzimek's Legacy in Asia

Grzimek's successors are also active in Asia, for example in The Philippines and Indonesia. They are the resolute guardians of such magnificent wild animals as the langurs of Vietnam, the writhed-billed hornbills on the Philippine island of Panay, or the Sumatran orang-utans.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR



264702 006

In the Forest of the Hornbills

For the dulungan, as the locals call the hornbill, survival has become a difficult challenge. Its habitat consists of just a few meagre remnants of the rain-forest on the Philippine island of Panay. In addition, the flesh of the bird fetches a high price as a luxury snack. Thus the number of dulungans is decimated by around 50 percent every year. Conservationists from Germany have developed a plan to turn former poachers into the birds' protectors.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

264702 008

Gardens of the Oceans – Seagrass Fields in Mozambique

Seagrass fields are some of the most productive ecosystems in the world, but they are under threat because of natural and human factors. One rare and extremely shy species that feeds exclusively on seagrass is the dugong or sea cow. The loss of seagrass fields means the dugong's fate is very uncertain.

Documentary, 30 min., 2009, SD; Arabic, English, Spanish; LR

264702 010

On the Tuna Fish Trail

Tuna has featured on Mediterranean menus for more than 4,000 years. But man is not the only predator to lie in wait as tuna come from the Atlantic to the Mediterranean to spawn. This documentary looks at the dramatic decline in tuna stocks, but also explores the beauty and diversity of species of fish still to be found in the Mediterranean.

Documentary, 30 min., 2009, SD; Arabic, English, Spanish; LR

264702 011

Arctic Fox in the Ark

Nordens Ark in western Sweden is a beautiful and special zoo located in a wonderful landscape beside a fjord. Its main task is to breed rare species such as the arctic fox, snow leopard, wolverines and European wildcats.

Documentary, 30 min., 2009, SD; Arabic, English, Spanish; LR



264702 012

Dhole – The Disappearing Dog

Once widespread in Asia, today the Asiatic wild dog – the dhole – is practically only found in India. But even there, its survival is under threat. Until recently, the dogs were hunted or poisoned mercilessly. The film observes these timid creatures in their natural habitat, the jungle of Periyar.

Documentary, 30 min., 2009, SD; Arabic, English, Spanish; LR

264702 014

Elephant Villages

The locals call them the "elephant villages". They are located in the Dzanga-Ndoki National Park in the Central African Republic. They are clearings in the swamp forests where groups of rare forest elephants gather. Little is known about the African elephant's smaller relative. It is thought that about 200,000 still live in the tropical rainforests of Central and West Africa. But their habitat is under serious threat.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

264702 015

Douc Monkeys and Their Coats of Many Colors

Douc monkeys have very distinctive, vividly colored fur. Three species of Doucs live in the rainforests of Vietnam, Laos and Cambodia, and they are all threatened with extinction. The primary dangers are posed by the destruction of their habitats as well as the illegal hunting and keeping of the animals. The Endangered Primate Rescue Center in Cuc Phuong National Park in northern Vietnam is working to ensure the survival of the Doucs and other species of primate.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

264702 016

The Atlantic Salmon Returns to the Rhine

In the mid-1980s, all the nations along the Rhine agreed on a unique, joint nature conservation program to re-introduce the salmon, a fish that had been eradicated in the contaminated waters of the western European river. The program has succeeded in reestablishing the pollution-sensitive fish – in one of the world's busiest waterways with its attendant throng of people and industry.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish;

VoD, IFE, LR

264702 017**Bringing Back the Bush Dog**

Many packs of bush dogs used to roam Brazil's Atlantic rainforest, the Mata Atlântica. It originally covered an area of about two million square kilometers, but large-scale clearing has reduced the forest to just seven percent of its original size. Bush dogs are so shy and have become so rare that few Brazilians have ever seen one. Biologists are doing their utmost to try to preserve the species.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

264702 018**Wolves in Gran Paradiso**

While wolves, along with bears and lynxes, were wiped out in Central Europe, a small population of wolves survived further south in the Apennine Mountains of Italy. Thanks to a variety of protective measures, their numbers are again rising. Scientists have been surprised to establish that some have moved north and now live in the Alps. But this could lead to a conflict of interests between wolf and man, for which new solutions must be sought.

Documentary, 30 min., 2010, HD; Arabic, English, Spanish; LR

264702 019**The Peaceful Monkeys of Brazil**

Brazil's Atlantic rainforest is home to the largest and most threatened monkey species in the Americas: the muriqui. US biologist Karen Strier has been observing this monkey's extraordinary behavior

for several decades: In comparison to other primates, relations between male muriquis within a troop are extremely harmonious. But this unusual animal's survival is threatened by the deforestation of their habitat.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

264702 020**Saving the Sabah Rhinoceros**

There are thought to be only 50 Sabah rhinos on the island of Borneo. The Malaysian government plans to protect the species – the world's smallest rhinos – from extinction. This is only possible through reforestation, stringent protective measures, public information campaigns and medically supervised assisted reproduction.

Documentary, 30 min., 2012, HD; Arabic, English, Spanish; LR

264702 021**The Return of the Wildcat**

Wildcats used to be a common sight in German forests. But they need space, which has been drastically reduced due to the fragmentation of woodland areas. Scientists and conservationists plan to create green corridors between conservation areas to enable the wildcats to roam more freely.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

264702 022**Hunting Down Peru's Butterflies**

Peru's rainforests are home to an array of magnificent butterflies. Collectors are ready to pay huge sums of money for fine specimens. This has given rise to a roaring trade in butterflies that have been hunted almost to extinction in the forests. As so often the collector's demand for rare species becomes a threat to their very existence.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

264702 023**Surrogate Moms for Wombats**

Wombats used to be regarded as vermin in Australia and were hunted mercilessly. Of the three surviving species, one is in acute danger of dying out: the northern hairy-nosed wombat. Scientists and former hunters are looking at ways to save the dwindling population. One approach is to use southern hairy-nosed wombats as surrogate mothers.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

264702 024**Beavers: Overprotected or Over Hunted?**

In Germany, the beaver was almost extinct. The rivers dammed up by its constructions put precious arable land underwater. Today, public perception of the animal has been turned on its head. The population has grown again, and the marshlands created by beavers are viewed as valuable biospheres. It's a different story however in Tierra del Fuego, at the southern tip of South America, where authorities have launched a massive program to eradicate the animals.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

264702 025**The Vulnerable Nile Crocodile**

The Nile Crocodile was under threat from intensive hunting until the mid-1990s. Since then, a number of protective measures have led to a recovery in numbers. But the sudden death of masses of the animals in Olifants River in the South African Kruger National Park shows that even species with healthy populations can be vulnerable.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

264702 027**Back on the Prairie: The Black-Footed Ferret**

The black-footed ferret was once just as common on the North American prairie as its most important prey, the prairie dog. The slender ferrets live in vacant prairie dog burrows. It appeared as though depleted prairie dog populations had led to the extinction of the ferret. But small populations were discovered in 1981 and are now flourishing again in the US and Canada, thanks to breeding programs.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish;

VoD, IFE, LR



264702 028

Bazaruto, the Dugong Archipelago

The Bazaruto Archipelago National Park in Mozambique is home to the only remaining viable population of dugongs on the eastern coast of Africa. Dugongs, a kind of sea cow, live in sea grass meadows in shallow coastal waters from the Indian Ocean to the western Pacific. The South African activist Karen Allen and her team at the national park are committed to protecting this gentle species.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

264702 029

New Home for the Tree Frog

European tree frogs are small and green and can be heard for miles during mating season. They need pools free of fish to spawn, hedges and trees to hunt, and burrows to hibernate. Agriculture and river re-routing have destroyed many such landscapes. But the tree frog is now being introduced to a new habitat in western Germany.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

264702 030

The Dolphin Farm

Dolphins such as the bottlenose are becoming increasingly rare: they are finding less food, and fishermen view them as competition. To the north of the Italian island of Sardinia, a group of these animals is displaying astonishing behavioral changes. Interacting with a fish farm, they have found a new habitat and source of food. The changes have no detrimental effect on the aquaculture.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; LR

264702 031

Tasmanian Devils Under Threat

The Tasmanian Devil is the world's largest carnivorous marsupial and a symbol of the islands of southern Australia. The animal is facing two challenges to its existence: 90 percent of its population has been killed off by an aggressive, infectious type of cancer, and cars are a significant threat to the rest. Animal activists and environmentalists are doing all they can to safeguard the species from extinction.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR



264702 032

Rhinos for the Serengeti

The Serengeti in Tanzania is famous for its huge herds of herbivorous animals and the large feline predators that hunt them. Rhinos are the only animals that have almost completely disappeared from the national park, hunted almost to extinction by poachers. While heavily armed rangers try to protect the animals that are left, black rhinos from South Africa are being flown into the Serengeti to boost numbers.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; LR

264702 033

Albatross Island

Several species of albatross nest in the middle of the stormy Antarctic Ocean on Bird Island. Populations are facing severe pressure; many birds are killed by long-line fishing. No other animals travel so far so fast as albatrosses. They can circumnavigate the globe in just a few weeks, almost without flapping their wings. The inhabitants of Bird Island have been the focus of the British Antarctic Survey for more than 50 years.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR

264702 034

The Disappearance of the Belugas

Beluga whales can be found in most Arctic and sub-Arctic waters. One of their most southerly populations is in the St Lawrence Estuary on the eastern coast of Canada, and it's in decline. Not only are the animals here isolated from other populations, they're also exposed to harsh environmental pressures. Researchers are trying to pinpoint the factors contributing to the decline in beluga numbers.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR

264702 035

In Search of the Wild Yak

Only around 20,000 wild yaks live on the vast steppes of western China, an area about half the size of Europe. The wild yaks are threatened by hunting, as well as by mixing with domesticated yaks and the diseases they can transmit.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR



264702 036

Bearded Vultures over the Alps

The bearded vulture is a huge raptor that feeds primarily on bones. It lives in mountain regions of Asia, Africa and Europe. For a long time, it was erroneously regarded as a predator of herds and hunted to the brink of extinction. It was reintroduced to the French Alps 30 years ago; breeding pairs are now well established.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR

264702 037

Asian Black Bears in the Ussuri Krai

The Asian black bear is prevalent in southern and eastern Asia. One of its subspecies – endangered like all the others – is the Ussuri black bear, which lives in the region of the same name in the far east of Russia. Poaching and the destruction of the bears' habitat are huge problems. Biologist Alex Sedow is trying to find ways to protect the population.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR

264702 038

The Crocodiles of the Okavango

The Okavango River begins in Angola, crosses a section of Namibia and then discharges into a closed basin in Botswana. It is home to Nile crocodiles, which are hunted as they pose a potential threat to humans. But the animals play an important ecological role: they eat large catfish, preventing these from proliferating and decimating stocks of other fish in the Okavango, which represent the livelihood of local people.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, M, LR

264702 039

The Return of the Ferruginous Duck

The small ferruginous duck used to be a very common sight on the steppes of Asia and in central and eastern Europe. But populations have shrunk; in Germany the duck was almost completely eradicated. A breeding and resettlement program is now underway in the north of the country – and although the duck is regarded as relatively easy to breed, this is still a complex endeavor.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR





The Barren Sea

By the year 2030 more than one and a half million species of plants and animals will have disappeared – on all the continents and in all the oceans. But it is no easy task to stop plundering nature. Consider fishing, for example: Billions of people depend on the fishing industry for their livelihood. An estimated quarter of all fish species have been decimated, seven percent have become extinct, and many more are in grave danger. Nonetheless, subsidized industrial fishing fleets continue to scour the oceans. Other dangers to fish include pollution, huge drift nets, and alien organisms brought from distant parts as more and more freighters criss-cross the globe.

264707

Documentary,
05 x 30 min.,
Arabic, English,
French, Spanish

264707 001

Overfishing – Bye-bye, Cod

The cod, one of the most important of all edible fish, is threatened with extinction. Yet EU authorities still cannot reach agreement on catch quotas. The attempt to set up protection zones has failed. Conservationists are finding it hard to come up with campaigns aimed at protecting the cod, which is not as popular as the whale or the dolphin.

Documentary, 30 min., 2009, SD; Arabic, English, French, Spanish; LR

264707 002

Ghost Nets – Deadly Traps in the Ocean

On each fishing trip a trawler will cast up to a thousand nets. When storms make it impossible to haul them in, or if the crew fails to find them again, these nets become lethal traps for fish and other marine creatures. Lost nets that sink to great depths cause major damage, because some species that inhabit such zones have already decreased in number by over ninety percent.

Documentary, 30 min., 2009, SD; Arabic, English, French, Spanish; LR

264707 004

Aquafarming – Profit or Conservation in Chile

The waters off southern Chile are frequented by large numbers of blue whales. But, with the world's biggest mammal now in danger of extinction, whale researchers are calling for a marine protection zone to be set up. The aim is also to combat environmental damage, because there is scarcely a bay in the region that does not have a salmon farm. Fish and plants in the vicinity of salmon farms are dying. People are also threatened, because intensive salmon farming involves the use of large quantities of medicinal drugs and chemicals.

Documentary, 30 min., 2009, SD; Arabic, English, French, Spanish; LR

264707 006

Water Pollution – Greece's Sponges Face Extinction

For centuries sponges formed the main source of income for people on the Greek island of Kalymnos. Diving for sponges was a dangerous and often fatal occupation – but there was good money to be made. However, sponges have been almost wiped out by water pollution and disease. Sponge beds take a long time to recover. At the same time, demand for natural sponges is increasing.

Documentary, 30 min., 2009, SD; Arabic, English, French, Spanish; LR

264707 007

Reef Protection – Gentle Dive Tourism on the Red Sea

The Red Sea is a paradise for divers. But tourism has its price: huge hotel complexes right next to the reef, environmental pollution, and reef damage caused by untrained divers. At his eco-lodge 'Marsa Shagra' near the famous Elphinstone reef, Hossam Helmy hopes to show that this does not have to be the case. The divers who come here abide strictly by the rules of gentle dive tourism.

Documentary, 30 min., 2009, SD; Arabic, English, French, Spanish; LR



Walled in! The Inner German Border

524730

Animation /
Documentary,
02 x 11 min.,
Arabic, English,
French, German,
Portuguese, Russian,
Spanish

524730 001

Walled in!

The computer animation, depicting the Berlin Wall and the border between East and West Germany, illustrates the oppressive reality of the border region as it seeks to answer the question: "What was the Wall really like?"

Today, only fractions of the no-man's land and the Wall itself remain. The computer animation connects the dots – making the perils of the border region visible. For the first time, historians and television producers have created a detailed reconstruction of the no-man's land as it looked at the start of the 1980s, including new views of the border fortifications.

With startling imagery, the animation recreates what was once a divided Germany for those who know it today as just another piece of distant history, helping younger generations better understand the suffering of people in Berlin and throughout Germany, divided for decades by the border between East and West.

Animation, 11 min., 2009, HD; Arabic, English, French, German, Portuguese, Russian, Spanish; WW, VoD, M, IFE

524730 002

Making of "Walled in!"

To recreate the border region in as much detail as possible, animators generated more than 130,000 images from historical models, in a high-definition computer process that took some 100,000 hours to complete. Every object had to be created as an individual graphical element using polygon shapes. The Church of Reconciliation, located in the death strip, for instance required some 500,000 polygons. The Making of Walled in! tells the backstory of the striking animation, including the intensive effort required to build a virtual replication of the Berlin Wall.

Documentary, 11 min., 2009, SD; Arabic, English, French, German, Portuguese, Russian, Spanish; WW, VoD, M, IFE





The Art of Space

Green oases in the desert sands. Cool high-rise blocks and mythical gardens. Floating cities and underwater settlements. Skyscrapers and towers. Architecture in a category of its own, employing the most up-to-the-minute construction designs and traditional composition in natural spaces. From the breathtaking to the bizarre, the series *The Art of Space* shows the incredible variety of spatial experimentation being conducted today. It shines the spotlight on the risks and opportunities presented by the ever-changing face of our world.

564704

Documentary,
76 x 30 min.,
Arabic, English,
Spanish

06 x 30 min.,

French

564704 001

The Gardener and the Princes – Enchanted Saudi Arabia

A German landscape architect has been working in Arab countries for the last 30 years, designing parks, gardens and boulevards. He grants us a rare glimpse of the otherwise very private sphere of the Saudi royal family. The gardener's work involves marrying the highly modern lifestyle of the contemporary royals with ancient traditions and natural features.

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

564704 002

When Buildings Grow Wings – Architects Emulate Nature

Pneumatic constructions, lightweight varieties of steel, rope nets and membrane sails. New construction forms and materials modelled on natural phenomena – a spider's web, for example, the surface of a soap bubble, the animal skin of a wing. Spectacular buildings are being erected all over the globe, fantastically light creations on the highest technical and scientific level.

Documentary, 30 min., 2009, SD; Arabic, English, French, Spanish; LR

564704 003

Très, très chic! – A Tour of Europe's Most Beautiful Designer Homes

Designers and architects spend their lives styling spaces for others. But what do their personal spaces look like? What is important to them, how do they put their own individual stamp on their personal sphere? Join us on a breathtaking trip across Europe, for an intimate glimpse of the most unusual homes and exclusively designed living spaces that hover somewhere between dream and reality. One thing is certain – it all promises to be très, très chic!

Documentary, 30 min., 2008, SD; Arabic, English, French, Spanish; LR

564704 004

The Cabriolet House – Letting the Light Flood In

Whatever your views on modern architecture might be, the chances are you are fascinated by the idea of a house with almost windowless outer walls. The challenge for architects is to afford the resident family the maximum privacy, without making them feel in any way restricted. The result: a dream home that positively basks in light, with a courtyard that can be opened up like cabriolet.

Documentary, 30 min., 2009, SD; Arabic, English, French, Spanish; LR

564704 005**The Telescopic House – A Home With Good Prospects**

The woman who built this home says: “Spaces have an influence not only on physical sensitivities, but also on spiritual mood.” And how right she is. But there’s just one problem: the building plot is long and narrow, posing an extreme challenge. The result is a design masterpiece, a unique modern burrow. A telescopic house with very special prospects.

Documentary, 30 min., 2009, SD; Arabic, English, French, Spanish; LR

564704 006**Feng Shui for a Better Life – Arranging Spaces the Chinese Way**

Are you having trouble sleeping? Maybe there’s a water vein under your bed. Or the energy, known in Chinese as the Qi, is not flowing properly in your home. A solution is at hand. The practice of Feng Shui balances and harmonizes that energy within buildings and landscapes. It accentuates the relationship between man and nature, based on fundamental Chinese philosophical principles, for example the teachings of yin and yang. You never know, it could change your life.

Documentary, 30 min., 2009, SD; Arabic, English, French, Spanish; LR

564704 007**Floating Cities – A New Home on the Water?**

Rising sea levels are threatening coastal regions throughout the world. One of the countries likely to be hardest hit by climate change is The Netherlands. More than a quarter of its territory lies below sea level. The Dutch response to the experts’ dire predictions is innovative and unusual. Architects there are designing buildings that float on water.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; VoD, IFE, LR

564704 008**Nothing But Glass – A Far-Sighted Concept**

Anyone building on a south-facing hillside with a stunning view should open the house up to the light and the landscape and keep it closed to the north. We visit just such a house, with a thirty-meter facade of glass overlooking a beautiful valley.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

564704 009**Boomtown Dubai – In a Financial Tight Spot**

Dubai has the tallest skyscrapers, the most magnificent shopping mall, the most luxurious hotel and the largest artificial islands in the world. But Dubai’s property market nearly experienced a crash, which revealed a brief but shocking glimpse at its economic vulnerability. This has increased doubts about Dubai’s urban planning concept and about whether it can withstand the pressures of the international financial markets.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; VoD, IFE, LR

**564704 010****Purists at Work – An Intelligent House**

The design is clear and simple. But the façade of this particular house conceals some phenomenal technology. For example, the owner may be away on holiday, but he can still communicate with people trying to visit him at home. Advanced control systems allow for energy-saving and intelligent interaction between the house and its human inhabitants.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

564704 011**Up in the Clouds – Life in Chicago’s Hancock Center**

The John Hancock Center is one of the world’s tallest structures and draws half a million tourists every year. About 5,000 people live in this Chicago landmark and they rarely need to leave it. They have everything they need under one roof – offices, a post office, a bank, a car park, a television station, fitness center, swimming pool, and plenty of shops.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; VoD, IFE, LR

564704 012**Old Without, New Within – A House Inside a House**

Deep in the Bavarian Forest lies an old, weather-beaten farmhouse. It was small, humble, warped, cramped and totally dilapidated; its history stretches back 170 years. Then it was remodelled. The integration of concrete cubes into the existing framework created a house inside a house, a living space where new design finds its place within the original structure.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; LR

564704 013**Under Pressure – Living and Working Under Water**

The idea of colonizing the ocean floor has been mankind’s dream for centuries, but could people really live or work underwater? For years now, visionary architects have been thinking up ways to make that dream a reality.

Documentary, 30 min., 2010, SD; Arabic, English, Spanish; VoD, IFE, LR

564704 014**Way Up High – Skyscrapers and Towers**

Tall buildings have always represented a fascinating challenge to architects. Chicago is the birthplace of the skyscraper. The tallest buildings the world had ever seen were constructed here using steel in the late 19th century, and the city skyline is still dominated by an impressive number of skyscrapers. Structures such as the Eiffel Tower in Paris or the TV tower in Berlin also attract hundreds of visitors daily hoping for a bird's eye view of the city.

Documentary, 30 min., 2011, HD; Arabic, English, Spanish; LR

564704 015**Clay Building Is Back**

Building with clay has long been out of fashion in Europe and other parts of the world. But as the concept of sustainability gains in significance, clay's qualities as a construction material are finding new favor among architects and planners. Clay is universally available, it is malleable, it stores warmth and it can even help keep the air clean indoors. Above all, construction with clay requires little energy.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

564704 016**The House as a Source of Energy**

In the assessment of factors causing climate change, houses rank among the most voracious consumers of energy. Now, the world is seeing the construction of the first "energy plus houses", which produce more energy than they use.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

564704 017**Brick – Nature's Own Building Material**

Fired bricks have been used as a construction material for more than 5,000 years – from ancient Mesopotamia, Egypt, Greece and Rome through to the present day. Bricks still enjoy a good reputation worldwide. They offer protection from damaging environmental factors, protect against fire, and have good heat-insulating and sound-proofing properties.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

564704 019**Nature Is Future**

Awareness of the need to save energy is growing in Arab Mediterranean nations. That, in part, is in response to climate change and rising energy prices. More and more money is now being spent on the construction of low-energy housing, rather than badly insulated concrete buildings. Prototypes are being developed in many countries.

Documentary, 30 min., 2011, SD; Arabic, English, Spanish; LR

564704 020**Searching for the City of Tomorrow**

More and more people are living in cities, and they are constantly growing and changing. Photographer Peter Bialobrzeski captures this state of flux in his images. His search for the city of tomorrow takes him to the Chinese megacities of Hong Kong and Shenzhen, as well as the South African township of Soweto.

Documentary, 30 min., 2011, HD; Arabic, English, Spanish; LR

564704 021**My Home is My Castle – Living in Historic Buildings**

Many people dream of living in a castle. But what is it really like to live a modern life in such a historical setting, often with unheatable rooms and immense maintenance costs? Families that have lived in stately homes for generations and others that have acquired theirs more recently throw open the doors to their private quarters.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

564704 022**The Fagus Factory – Walter Gropius' Timeless Factory Building**

In 1911, the German businessman Carl Benscheidt commissioned a new factory from the man who would later found the Bauhaus. With his Fagus Factory in Alfeld, Walter Gropius wrote architectural history. The innovative design broke with all tradition and created working conditions that were exemplary at the time. The factory is an important example of early modern architecture and has been included on UNESCO's list of world heritage sites.

Documentary, 30 min., 2012, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 023**Courage and Creativity – New Life on an Old Farmstead**

It used to be a dilapidated old farmhouse in the southern German city of Regensburg – until it was discovered and restored by a group of young people keen to create new spaces for a new way of life. They turned the farmhouse and cowshed into apartments and completed the ensemble with two new semi-detached houses.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

564704 024**Vacation-Style Living – A Sustainable Neighborhood**

Residents of the SolarCity neighborhood in the Austrian city of Linz say living there is like being on holiday. SolarCity is home to some 3,000 people and is considered to be a model example of ecological urban development. Famous architects such as Sir Norman Foster have paid particular attention to ensuring high construction standards and low energy consumption.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

564704 025**Dream Homes – Future Living Concepts**

It should be cosy, luxurious or eco-friendly; made of steel, concrete or natural materials: everyone has different ideas about how their dream home should look. Today's homeowners are looking for properties that can rise to the challenges of the future. They should be adaptable to each and every stage of their owners' lives, from when they start a family right through to retirement. And of course, the buildings' energy consumption should be consistently low.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR



564704 026

Singapore – City of Gardens

The city state of Singapore is just 700 square kilometers in size. Building plots are expensive. But almost 50 percent of the metropolis is actually green – Singapore has no less than 300 parks. Trees and grass are a feature on every street and around residential blocks. This is the result of a meticulous and strictly implemented urban planning concept aimed at making Singapore a city for living, working and playing.

Documentary, 30 min., 2012, SD; Arabic, English, Spanish; LR

564704 027

Building with Light – A Masterpiece of Organic Architecture

The small German town of Löbau is home to one of the most stunning examples of Modernist architecture, Haus Schminke, a villa designed in the early 1930s by Hans Scharoun. The house, full of light and life, is a historical monument of global repute.

Documentary, 30 min., 2013, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 028

Gateway to the City – Railway Station Architecture

Railway stations are public places, symbols of mobility and a stage for displays of emotion: farewells and reunions, homesickness and wanderlust. They provide travelers with their first impression of a city. How does railway station architecture pay heed to the building's manifold functions – both in the past and the present?

Documentary, 30 min., 2013, HD; Arabic, English, Spanish; VoD, LR

564704 029

Bunkers for Sale – Visions for Relics of the Past

Germany wants to sell its stock of bunkers. But who is going to be interested in buying such problematic structures – windowless, difficult to heat and prohibitively expensive to demolish? Innovative architects are working on new ideas to make the bunkers a more attractive prospect.

Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR

564704 031

Eurozone HQ – The New European Central Bank Building

The European Central Bank HQ is set to be yet another eye-catching feature of Frankfurt's skyline. It comprises new twin polygonal skyscrapers and a huge market hall from the 1920s that will become the main entrance and public area. The architects are Coop Himmelb(l)au of Vienna.

Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR

564704 032

Many Concepts and One Plan – Eight Builders Under One Roof

Eight clients and two architects working on a single project: This may sound complicated, but it has its advantages. For example, it can reduce the costs for connecting the utilities. Even when there is a need for close consultation, individuality need not be sacrificed. Each client will end up with a lovely home.

Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR

564704 033

Wild Beauty: Berlin's New Center – A Tour of the Government Quarter

Government buildings, parliamentary chambers and corporate offices have filled holes in the German capital made by World War Two, plots that remained undeveloped while Berlin was a divided city. On a tour of the new government quarter, urban planners and architects point out some of the things most of us miss.

Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR

564704 034

Vienna's Old Town – A Living Monument

Vienna's historic center has been a UNESCO World Heritage site since 2001. And that represents quite a challenge for all concerned: how to respect the constraints on construction in a protected historic area while addressing the needs of those living in this city of over a million people. For architects, urban planners and the conservation authorities in the Austrian capital, this means a perpetual balancing act between preservation and progress.

Documentary, 30 min., 2013, SD; Arabic, English, Spanish; VoD, LR

564704 036

Treasure in the Debris – Old Doors, Beams and Roof Tiles

More and more people are upcycling and reconditioning used building materials for their homes. Old tiles, metal fittings, doors and floorboards can be full of character and often tell a story, making them an attractive addition to contemporary decor. In fact, some derelict buildings are the scene of what can only be described as full-scale treasure hunts. These days, materials such as beams and doors can fetch a high price.

Documentary, 30 min., 2013, SD; Arabic, English, Spanish; LR



564704 037

Life on a Houseboat – Realising the Dream of a Floating Home

The two young architects Amelie Rost and Jörg Niederehe won a highly sought-after berth in the northern German city of Hamburg with a creative design for a houseboat. They put their heart and soul into the realisation of their dream of a life on the water. We filmed the entire process, from the construction of a pontoon in a Hamburg shipyard to the moment the couple moved into their houseboat.

Documentary, 30 min., 2013, SD; Arabic, English, Spanish; VoD, IFE, LR

564704 038

Diverse and Dignified – China's New Arts Venues

Nowhere in the world are as many new theaters and opera houses being built as in China. Any city there with a sense of civic pride wants to have its own grand new arts venue. Local authorities commission star architects to create stunning world-class buildings.

Documentary, 30 min., 2013, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 039

Summer Architecture – Lake Wörth Villas

Lake Wörth in southern Austria was a popular holiday resort for well-heeled guests as far back as the mid-19th century. Starting around 1850, many charming villas, mansions, bath- and boathouses were built. A distinctive Lake Wörth style emerged – a mix of regional romanticism, art nouveau, baroque and English country-house architecture.

Documentary, 30 min., 2013, SD; Arabic, English, Spanish; VoD, IFE, LR

564704 040

Aesthetic Perfection – Presenting Cars in a New Light

Cars are status symbols and must be presented accordingly. That is why many automakers commission famous architects to design and build their museums and select showrooms: Sometimes these buildings are so dazzling they almost eclipse the cars themselves.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; VoD, IFE, LR



564704 041

The Work-Life Balance – A House for Three Brothers

Not only do the Mühl brothers work together, they also wanted to live together with their families. So they embarked upon an unusual construction project: Their office as a base with three townhouses on top, offering both privacy and togetherness.

Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR

564704 042

My Unique Home – Perspectives on Off-Beat Living Spaces

Architects and craftsmen, dreamers and visionaries open the doors to their very special homes. They talk about what motivated them to put down roots in their chosen location. And what they invest in terms of energy and nerves to create their very personal living spaces.

Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR

564704 043

Living in a Castle – Construction Site Hell or Fairytale Dreamworld?

Hohenlohe in southwest Germany is a region brimming with castles and palaces. Many people dream of owning such a historic property – but, in reality, this is often a life-long duty that requires a huge commitment in terms of both time and money. Still, the reward is nothing less than a home where every stone has a story to tell.

Documentary, 30 min., 2014, HD; Arabic, English, Spanish; LR

564704 044

Logistical Adventure – Relocating an Old Farmhouse

What do you do when you find your dream house, but it's in the wrong place? You move it. An old Bavarian farmhouse is dismantled bit by bit. Each beam, brick and door is painstakingly numbered and transported to the new location, before being reassembled as before.

Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR

564704 045

Creative Spaces – From Life Vision to Dream Home

These homes reflect the diverse approaches to life of the people responsible for their conception: A man realizes his dream of living at lofty heights by constructing a huge tree-house. And a couple prepare for a sociable old age by turning a former winery into a house to accommodate several generations.

Documentary, 30 min., 2014, SD; Arabic, English, Spanish; LR



564704 046

Architecture and the Elements – Building for the Future

Does architecture still fulfill its essential purpose, to protect against cold, heat and rain? Architects are currently engaged in a global debate over how best to deal with emerging challenges such as climate change and increasingly extreme weather phenomena. Floating houses and homes built below ground level are just two of many approaches under consideration.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 047

From Zurich to Tokyo – In Search of New Ideas for Housing

Tokyo may have 13 million residents, and Zurich may only have 400,000 – but the two cities have one thing in common: both are densely populated, expensive and in need of new approaches to housing. For example, variable units that can be adapted to the different phases of the residents' lives. Or what are being called 'cluster' apartments with small private areas and large communal spaces.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 048

A Life Less Ordinary – People and Their Houses

Two German families, two approaches to designing a home. The Pradels commission a new energy-saving house made with modern materials. The Schwarz family, on the other hand, have created their new home in an old barn with thick stone walls.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR

564704 049

Master Plan – Designing a “Perfect” City

On the Cayman Islands, there are plans to create a new resort town. The architects and engineers aim to create a community that embodies the ideas of the New Urbanism – a high quality of life with home, work and public areas all within walking distance.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, M, IFE, LR

564704 050

Tadao Ando – Master of Minimalism

Tadao Ando of Japan is a self-taught architect, who is revered worldwide for his work. His buildings are in dialog with their surroundings. The strict geometry of his constructions contrasts with the organic forms of their natural settings. Ando works with a limited range of materials such as wood, glass and concrete.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 051

Concrete – A Material in Flux

Ten billion tons of concrete are produced each year. It is a defining feature of the man-made environment. Architects love its versatility and strength. But concrete is still regarded as a cheap building material by many. People who develop new kinds of concrete, who use concrete, and who live in concrete structures, talk about their experiences.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, LR

564704 052

Less is More – Living in Tiny Houses

Some people choose to live in a tiny house because they want to lead a simple life. Others can't afford anything larger. Nowadays there is even a tiny house movement. One of its founders is Jay Shafer from California. His own living space measures just 10 square meters, and his tiny house designs are enjoying great success.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, IFE, LR





564704 053

Japanese-Style Weatherproofing – A House of Fire and Glass

For centuries, the Japanese have used charred cedar wood to clad houses. The process makes the siding last lon-ger – cheaply and without the use of any chemicals. The method – Yakisugi – has in the meantime found its way to other parts of the world. In Germany, Simone and Siegfried Ottinger wrapped their dream house in Japanese-style charred wood.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; LR

564704 054

Extravagant and Luxurious – Living in Dream Locations

Who doesn't dream of living in a beautiful home in a gorgeous location – a cozy farmhouse or a Baroque mansion, perhaps, preferably with a glorious view? Many people would love to take a peek inside other people's grand houses. A few owners have obliged and opened their doors to our camera teams.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; LR

564704 055

Surrounded by Nature – Architecture in the Mountains

Tourists, nature enthusiasts and winter sports fans are all drawn by the beauty of mountains. Hotels and roads, lifts and ski slopes are built in the midst of spectacular mountainscapes. There is a growing sensitivity on the part of architects about integrating new constructions into their surroundings.

Documentary, 30 min., 2016, HD; Arabic, English, Spanish; VoD, LR

564704 056

An Extraordinary Design – The House with the Diagonal Roof

Sometimes, architectural designs fly in the face of building regulations. The Edelmann family wanted their new house to have a flat roof, but the municipality demanded a gable roof. The architects eventually came up with a creative solution that provided more space and higher ceilings than the Edelmanns had ever dreamed of.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; LR

564704 057

In Harmony with the Environment – The Buildings of Álvaro Siza

Álvaro Siza is Portugal's best-known living architect and a recipient of the prestigious Pritzker Prize. The vivid, sculptural quality of his work has earned him international recognition. Siza always considers the surroundings and social context of the buildings he designs.

Documentary, 30 min., 2015, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 058

Sustainable and Desirable – Future Urban Visions

All over the world, architects are working on prototypes of sustainable buildings as they might appear in the cities of the future. Run-down housing complexes are being brought up to current energy-efficient standards with new materials. One project nearing completion in the Arabian desert is an eco-city powered entirely by renewable energies.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR



564704 059

Immersed in Nature – A Rural Residential Idyll

On their days off, the Kohlmaier family leave their home in Hamburg to spend time in their country cottage beside a river. Another couple have created their very own paradise in a 200-year-old farmhouse.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 060

Fernando Abruña Charneco – Pioneer of Eco-Friendly Architecture

For 40 years, Puerto Rican architect Fernando Abruña Charneco has been meeting the challenges of climate change with innovative designs. When he started out in the 1970s, he was derided as a crank. His Absent House doesn't have a roof or depend on public water and energy supplies.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 061

Seamless Assimilation – A Modern House in an Old Town

The German town of Bamberg boasts a captivating mix of medieval and baroque architecture. When they were commissioned to build a modern flat-roof house close to the old town center, the architects Johannes Müller und Stephan Häublein designed a simple unadorned structure with lots of glass that complements rather than mimics the older buildings near by.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 062

Build Your Own City – Video Games Influence Urban Planning

Laying out residential districts and public spaces is usually the work of urban planners. But how can local people get involved when their neighborhood is to be revamped? One starting point is to play videogames such as Minecraft or Block'hood. They serve as a playful introduction to urban planning, and can help make it a democratic process.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 063

The Fascination of Wood – Rethinking Traditional Timber

For a long time wood has had a bad reputation as a building material. But preconceptions that it rots and burns easily have now been rendered obsolete: Wood just has to be treated right. Furthermore, it is not only suitable for the construction of individual houses and smaller buildings. These days, wood can also be used for apartment buildings and high-rises.

Documentary, 30 min., 2017, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 064

Beyond the Mainstream – Radical Living Concepts

Islands made of garbage, capsules in trees, or a house that can be carried around in your bag: all over the world, architects, builders and artists are dreaming up new ideas for living spaces. These should, if possible, be kind to the environment and fulfil our need for mobility, flexibility and freedom.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, IFE, LR

**564704 065****Shelter on the Slopes - Mountain Huts in the Alps**

When it comes to turning in for the night, hikers in the European Alps have a variety of shelters to choose among, ranging from traditional wooden structures to futuristic cubes. The Berliner Hut in Tyrol was built in 1878, at a time in which Alpinism was becoming fashionable in Europe. In 1997, it became the first Alpine shelter to be placed under preservation order.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, LR

564704 066**Combining Aesthetics and Functionality - The Architect Otto Wagner**

The architect and urban planner Otto Wagner had a great impact on the appearance of the Austrian capital Vienna. His buildings marked a departure from the ornate and fussy style of historicism. He deployed new materials and created stunningly bold geometric designs. He was both a master of art nouveau and a pioneer of modernism, a rigorous champion of functionalism. He was decades ahead of his time.

Documentary, 30 min., 2018, HD; Arabic, English, Spanish; VoD, LR

564704 067**Antti Lovag: Master of Organic Forms**

The Hungarian architect Antti Lovag called his curvaceous residential structures a "rebellion against the right angle". In southern France, he realized his vision of living spaces in harmony with nature and the human body with the "Maison Bulles". Antti Lovag's radical design approach was even extended to the furniture.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 068**Creativity and Comfort: Making Dream Homes Come True**

The owners of these buildings aren't afraid to take on a challenge: The Finck-Sixt family built their dream home on a miniscule plot of land. The renowned architect Peter Ippolito created a true gem in the form of a house with a floor plan shaped like a slice of cake. And the Blümigs turned an old tobacco barn into a loft flooded with light.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 069**Between Europe and the US: In the Footsteps of the Architect Ely Jacques Kahn**

The architect Ely Jacques Kahn helped shape the New York skyline, building close to fifty skyscrapers there over the course of his half-century career. He was influenced in his work by contemporary European architects, in particular Viennese modernism.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, LR

564704 070**Room With a View: The Fascination of Towers**

Whether it's a water tower, castle tower or observation tower, there's something very appealing about these highly visible and often striking structures. Many bear witness to history; some have been repurposed as unusual homes; one was recently built to test high-tech elevators.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 071**Wonderful Wood: A New Look for a Traditional Material**

Handcrafted wooden furniture has shrugged off its fusty image. Today, innovative woodworkers create elegant and sophisticated individual pieces. Nowadays, knotholes and even cracks in the wood are very much on-trend. The more natural and distinctive the look, the better.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 072**Total Automation: The Pros and Cons of a Smart Home**

The refrigerator orders your favorite food, the bathroom checks your weight: Smart Living claims to make our lives easier by making things happen automatically. But intelligent homes are still reliant on intelligent users who can master the technology. Take your eye off the ball, and you and your smart home could become the target of cybercriminals.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR



564704 073

From Village to Metropolis – The Rapid Growth of Cities

Half the world's population already lives in cities, and that figure is expected to surge in coming years. In Asia in particular, many mega-cities are experiencing unbridled growth. How can growth be better planned? What makes a city work? What should it offer residents to make it a good place to live?

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 074

Life on the Water – When Your Home is a Boat

It's fashionable these days to live on a house boat – a choice that's no longer the preserve of individualists and downshifters. You don't need a plot of land, you live close to nature and, should you wish to, you can simply sail to a different mooring. New-generation house boats are not only aesthetically pleasing, they also come with many luxuries and home comforts.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 075

The Architecture of Uniformity – What Future for Shopping Malls?

The iconic malls of the United States are experiencing a dramatic decline. One third of the nation's shopping centers have now shut their doors for good. Online trade is just one of the reasons. Another factor is the uniform design of the malls and the standardized stores and products. New ideas are urgently needed for these outdated temples of consumption.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 076

A Logistical Feat – Bridge Building in the Port of Hamburg

The port of the northern German city of Hamburg is home to a giant: the old Rethelift Bridge. It's a key connector for rail and road traffic in one of Europe's largest shipping hubs. But now the bridge, which dates from 1934, needs to be replaced: by a bascule bridge set to be the biggest in Europe. Port operations need to continue uninterrupted during its construction.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 077

Strolling Among Sharks – The Spectacular Architecture of the Nausicaá Aquarium

The French town of Boulogne-sur-Mer hosts the largest public aquarium in Europe. Visitors to the Nausicaá National Sea Center can marvel at creatures native to all the world's oceans. The latest tank contains 11,000 cubic meters of water and has a glass underwater tunnel more than 18 meters long, so visitors can literally stroll among sharks, manta rays and other wonders of the seas.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, LR

564704 078

It's All in the Detail – Quirky Concepts for Individual Living

An old forester's lodge is transformed into a vibrant, modern villa. A heated pool with palm trees brings Caribbean flair to a family home in southern Germany. And in a house without any doors, rooms can be created at whim with sliding walls. Often it's details such as these, combined with strong-willed home-owners set on realizing their ideas against all the odds, that result in a very special ambience.

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, IFE, LR

564704 079

Venice in Need – That Sinking Feeling

Venice is without compare: the city was built in the middle of a lagoon on more than 100 islands connected to one another by more than 400 bridges. Canals serve as streets. The people that built Venice developed unique techniques to erect palaces, churches and houses on unstable ground and protect them from the water. But shipping, mass tourism and more frequent flooding are all damaging the centuries-old structures. What can architects and engineers do now to stop Venice disappearing into the sea?

Documentary, 30 min., 2019, HD; Arabic, English, Spanish; VoD, LR



Sites of the World's Cultures

This series looks at landscapes, cities, cult sites and monuments, all of which have made a unique contribution to the cultural heritage of mankind. Each episode brings alive civilizations which rose in the last ten thousand years and then sank – sometimes without a trace – into the mists of history. The films focus on epochs which moulded the identity of nations and continents, and on cult sites which have retained their fascination and influence through to the present day.

384628

Documentary,
24 x 60 min.,
2002–2003, SD;
Arabic, English,
French, Spanish

LR

384628 001

Stonehenge and Megalithic Cultures

There are some 5,000 neolithic monuments in Europe – relics of a culture which left nothing in writing and whose religion is shrouded in mystery. This film looks at the megalithic enigma of Stonehenge and builds up a picture of the culture that created it.

384628 002

Xian – Changan: Cradle of Chinese Civilization

Xian, the Changan of ancient China, is a major world cultural site. The city on the Huang (Yellow) River and the area around it were a cradle of Chinese culture and civilization.

384628 003

Southern India and the Dance of the Gods

According to an ancient Indian myth, the world emerged from a kumbha, a pot – and it all began in Kumbakonam. The city in the south of India claims to be the hub of the universe – a status reserved by Hindus for the sacred city of Benares.

384628 004

Tikal and the Gods of the Maya

The Maya emerged from the mists of history more than 3,000 years ago and created an advanced civilisation which lasted six times longer than the Roman Empire.

384628 005

Egypt and the Nile Valley

Everyone has heard of the pyramids, the legendary gold mask of Tutankhamun and Egyptian mummies. Even so, these products of an advanced civilization born 5,000 years ago continue to pose questions that still puzzle historians today.

384628 006

Athens – Birthplace of Democracy

Athens – model and mother of western civilization – is still one of the liveliest cities in Europe, an ancient metropolis that has retained its youth.

384628 008

Palmyra Part 1 – Hub of Trade and Military Crossroads

A country criss-crossed by trade routes, Syria looks back on thousands of years as a cultural and commercial transit zone between East and West.

384628 009

Palmyra Part 2 – Bride of the Desert

The oasis city of Palmyra on the northern fringe of the Syrian Desert is a treasure trove of ancient architecture, a place where the magic of desert life and desert civilization can still be felt in the remains of magnificent temples and baths, theatres and tombs.

384628 010

Teotihuacán – City of the Gods

Only a short bus ride from Mexico City are the remains of the ancient city of Teotihuacán. Founded more than 2,000 years ago, it was the home of some 200,000 people – creators of gigantic pyramids and stunning murals and sculptures who ruled over large parts of Central America for many centuries.



384628 011

Jerusalem – City Between Religions

Jerusalem is a city sacred to Jews, Muslims and Christians alike and the home of three religious communities living more side by side than together. Their holy places are only metres apart. Each of the great monotheistic religions has laid claim to this city.

384628 012

Venice – The Insatiable City-State

Venice's glorious past is literally paraded by its wealth of splendid buildings, especially along the Grand Canal. Thanks to the lagoon city's prowess in international maritime trade, it was for centuries one of the most influential places in Europe.

384628 013

Paris – A Celebration of the 19th Century

In the middle of the 19th century, Paris was a desperately overcrowded city choking on its own waste. Within decades, however, demolition and redevelopment had turned it into one of the world's most resplendent capitals with a magnetic attraction for artists, writers, revolutionaries and pleasure-seekers.

384628 014

The Ganges – The Divine River

Ganga, as the Indians call it, Mother Ganges, the goddess Ganges, is the sacred river of India. Devout Hindus believe that bathing in the holy waters of the Ganges can wash away their sins.

384628 015

Damascus – Paradise on Earth

After the Umayyid dynasty chose Damascus as its seat in the middle of the seventh century A.D. the Syrian city acquired a legendary reputation. For around one hundred years Damascus was the focal point of world culture. Alongside its Islamic history, the name Damascus also has close links with Christianity.

384628 016

Macchu Pichu and the Legacy of the Incas

Macchu Pichu is a magical place. Yet more than any other historical site, it has come to symbolize the lost culture of those who built it: the Incas.

384628 017

Florence and the Spirit of the Renaissance

Florence is regarded as the focal point of the development that restored the revolutionary ideas of the Renaissance and its enthusiasm for the art of antiquity. Back then, this Italian city on the river Arno was one of the most important commercial centres in Europe and a centre, too, of culture and political power.

384628 018

Pergamon and the New View of the World

Greece is regarded as the cradle of European culture. But the origins of Greek philosophy, and thus of the history of European thought, are to be found in Asia Minor. Through the influence of Greek immigrants, in cities such as Smyrna (modern-day Izmir), Milet, and Ephesus those ideas emerged to form the basis of the writings of Plato and Aristotle.

384628 019

Persepolis – The Stage of Kings

King Darius I of Persia had a residency built which was intended to be more magnificent than anything the world had ever seen: Persepolis. It was soon regarded as the “richest city under the sun”.

384628 020

St. Petersburg – Window on Europe

When he laid the foundation stone for his new capital of the Russian Empire in 1703, Peter the Great wanted to create a window on Europe. But it was only under Catherine the Great that Petersburg developed into the flourishing metropolis Peter the Great had dreamt of: a “Venice of the North”, a city of the arts, science, and literature.

384628 022

Hue – The City on the Perfume River

Hue, the city on the much extolled Perfume River, can be described as Vietnam’s centre of culture. Based on the Forbidden City in Peking, in the 19th century an imperial palace was built in Hue to bear witness to the power and wealth of the Nguyn dynasty.

384628 023

Chartres and the Spirit of the Middle Ages

In the eyes of many, the Gothic cathedral at Chartres is the most beautiful of the numerous splendid cathedrals in northern France. A synthesis of architecture, sculpture, and glass painting, this vast work of art has survived down the centuries with very little damage.

384628 024

Lhasa and the Spirit of Tibet

The Potala Palace overlooking Lhasa bears testimony to the former power of the Dalai Lama and to a once colorful culture.

384628 025

Konya and the Whirling Dervishes

The Turkish city of Konya is regarded as the heart of Sufism, a mystical movement within Islam. Sufism is characterized not by a fundamental interpretation of the Koran but by the search for a deep and passionate love of God. The legendary dance of the whirling dervishes also originated in Konya.

384628 026

The Escorial – The Dream of a Devout Monarch

As a bulwark of faith and a symbol of the greatness and power of the Spanish Empire, the Escorial is a perfect reflection of the 16th century. An aura of the Inquisition pervades this huge and austere monastic castle which was built by King Philipp the Second of Spain and from which he ruled his empire with an iron fist.





Euromaxx Design

564677

Magazine,

85 x 30 min.,

2006–2019, HD, SD;
English

33 x 30 min.,

Arabic

06 x 30 min.,

French, Portuguese

13 x 30 min.,

Russian

40 x 30 min.,

Spanish

WW, VoD, M, IFE

Design is the process by which nearly all objects – from cars to paper clips, from clothing to chairs – acquire a certain form and function. But design involves more than just shaping and styling: good design is a complex process in which different and often contradictory requirements have to be met to ensure that objects function in the desired way. Design is only good when aesthetic, ergonomic and ecological aspects, durability, function and comfort harmonize and complement one another.

Euromaxx Design presents the most important and exciting creations on the European design scene. It portrays star designers, shows emerging trends and pays tribute to traditional design.

The individual reports of our successful series Euromaxx Design introduce the latest creations from the automotive industry, from furniture designers, glassworks and material and jewelry studios and visit trade fairs, exhibitions and presentations.

SAMPLE EPISODE 1 | 30 MINUTE VERSION

Cool Art: Snow Village

Each year in Finland's Lapland region, the Snow Village is created from 20 million kilograms of snow and 350 tons of ice. Despite temperatures of -35°C, you can even spend the night in one of the igloo suites.

Pixel Art Made from Fuse Beads

Swedish artist Johan Karlgren revives the cartoon, film and video game heroes of the 1990s. His pixellated figures appeal to the taste of many retro fans on Instagram.

Digital Baking

Ukrainian confectioner Dinara Kasko accurately designs her geometric cakes on a computer. Then she 3D-prints silicon molds. Sweet works of art, almost too amazing to eat! Almost.

Lockengelöt's Designer Upcycling

Two designers from Hamburg are exploring the creative potential in junk. They make egg cups from old skateboards, clocks from vinyl records and stylish coffee tables from disused oil barrels.

Fashion for the Blind

How can fashion be transformed into a multi-sensory experience for the blind and vision-impaired? European fashion schools explored the question and came up with clothes that feel, smell and sound good.

Honoring a Fashion Legend: Gianni Versace

A retrospective on the work of fashion designer Gianni Versace has opened in Berlin. The exhibition includes many unique items and sketches. The opening-night festivities paid tribute to this legendary designer.





SAMPLE EPISODE 2 | 30 MINUTE VERSION

Almost Real: Balloon Birds

Terry Cook's work is a far cry from the kind of balloon animals you're likely to see at a children's birthday party. The Scottish artist photographs his balloon birds in nature, and they look as real as can be.

Lyrical Glass Art by Simone

Simone Crestani's works draw their inspiration mainly from nature. But he's got his own, very personal style. His work is described as fragile elegance, balance and poetry. Every object is handmade.

Surreal Photo Compositions by Tessa Dóniga

Tessa Dóniga made her name with her photo series "Break/Fast", which takes the word 'breakfast' literally. The images portray everyday objects in surrealistic contexts. Tessa Dóniga lives and works in Madrid.

Furniture or Art?

ONE stands for the prototype, ELEVEN stands for the limited edition. The Berlin design studio has garnered widespread acclaim and won top design awards.

Catwalk to the Kitchen

High-end restaurants ensure everything is tastefully coordinated, from the interior decoration to the table settings. Now, the overall look includes staff uniforms. An agency in Paris specializes in fashion for restaurant employees.

Magical Machine Creations

Pietro Proserpio, a retiree living in Portugal's capital Lisbon, builds entire worlds with a little junk and lots of imagination-bringing them to life with complex technology. His machines have enchanted thousands.





Euromaxx on Vacation

564689

Magazine,

61 x 30 min.,

2006–2018, HD, SD;

English

41 x 30 min.,

Spanish

35 x 30 min.,

Arabic, Russian

WW, VoD, M, IFE

Euromaxx on Vacation invites you to spend your vacation with us. Let us be your guide on a tour of the most beautiful destinations, glamorous locations and tranquil regions Europe has to offer. From Andorra to Zagreb – you will be enchanted by these diverse and fascinating places. Among the many exciting cities we explore are Copenhagen, Lisbon and Barcelona. We offer all kinds of information and insider tips about the places we visit. Euromaxx on Vacation is guaranteed to infect you with the travel bug.

SAMPLE EPISODE 30 MINUTE VERSION

524883

Clips,

67 x 03–05 min.,

2016–2018, HD;

Arabic

WW, VoD, M, IFE

Tour of Hambach Castle

Hambach Castle in Rhineland-Palatinate lies on the German Wine Route. The medieval castle is a popular tourist attraction and the birthplace of German democracy.

Europe's Most Liveable Cities: Zurich

Monocle lifestyle magazine has listed 25 cities with the highest quality of life worldwide. In 8th place is Zurich. Switzerland's biggest city boasts an excellent infrastructure and picturesque surroundings.

The French City Saint-Étienne

The French city Saint-Étienne is spread across seven hills. Once known as an industrial metropolis, Saint-Étienne has been recognized as a "City of Design".

Palermo – An Enchanting Mediterranean City

The Sicilian capital Palermo is lively, colorful and diverse. Tour through the city and see historic buildings, traffic chaos, and breathtaking views of the Mediterranean.

A Visit to the Swedish Island of Öland

Öland is popular with Swedes, because it gets more hours of sunshine than anywhere else in the country. But the island has much more to offer, including palaces, windmills and regional culinary specialties.

Sofia, Bulgaria's Capital

Bulgaria's capital Sofia is definitely worth a visit. The city certainly has plenty to offer. From ancient ruins to more recent Communist-era monuments, Sofia's architecture charts thousands of years of history.





The Beautiful Game

The History of Soccer

464671

Documentary,

02 x 30 min.,

2006, SD;

English, French,

Portuguese, Spanish

LR

464671 001

Sports history tells us that soccer originated in England. But a form of the game was played in China some 2,300 years ago in the city of Linzi, the capital of the kingdom of Qi. The winners were awarded prizes, while the losers were flogged. Other versions of what we call football are associated with Egypt, Greece, the Roman Empire, and France. But it was in England in 1863 that the Football Association was founded which drew up the first rules of the game as we know it today.

From England the sport spread throughout the world. International matches and Olympic tournaments first made soccer popular in Europe. Then, in the 1920s the game also conquered Latin America.

The first World Cup tournament was held in Uruguay in 1930. In the final in Montevideo, the host nation defeated Argentina. The next two tournaments, 1934 and 1938, were won by Italy. In 1938 Indonesia became the first Asian nation to qualify for the World Cup finals. The 1950 tournament in Brazil saw Uruguay emerge as champions for the second time. Four years later the sensational winners in the Swiss capital, Berne, were West Germany who surprisingly defeated the hot favorites, the Magical Magyars from Hungary. In Sweden in 1958 a young man called Pelé burst on to the scene and helped Brazil become world champions for the first time.





464671 002

Brazil retained their crown in Chile in 1962. Four years later, just over a century after the Football Association was founded, the tournament was held for the first time in England.

The group matches provided a sensation as North Korea knocked out one of the favorites, Italy. The final between England and West Germany was a thriller with England emerging victors by four goals to two, although one of their goals was highly controversial. In the years that followed, African and Asian teams made tremendous advances. With superstar Pelé in the side, in Mexico in 1970 Brazil became world champions for the third time. Four years later the tenth World Cup tournament was held in West Germany. In the final the host nation defeated the much-fancied Dutch by two goals to one.

32 years later, Germany once again played host to a World Cup tournament – and it was one to remember. The weather was glorious, the games exciting and the atmosphere amongst the fans friendly and relaxed. Italy secured its fourth World Cup title, while the German team thrilled the host nation by reaching the semi-final. But no sooner is one World Cup over, than preparations for the next begin.



Masters of Classical Music

604849
Live Music,
28 x various
lengths,
Only Music

Music is a language of emotions that needs no words and is understood by everyone. The poet Rainer Maria Rilke called it “language where languages end”, and the violinist Yehudi Menuhin once said: “Music speaks for itself – if we give it a chance.”

In the series Masters of Classical Music, European music from all periods is given a chance: From Baroque and Rococo to Classical and Romantic and beyond. The music is interpreted by outstanding orchestras and soloists from all over the world. Conductors include such eminent artists as Claudio Abbado, Daniel Barenboim, Pierre Boulez and Sir Simon Rattle.

604849 001
Antonín Dvořák:
Symphony No 9 in E Minor op. 95
“From the New World”
Berlin Philharmonic, Conductor: Claudio Abbado
Live Music, 50 min., 2015, HD; VoD, M, IFE, LR

604849 002
Johannes Brahms:
Violin Concerto in D Major op. 77
Berlin Philharmonic,
Conductor: Claudio Abbado, Soloist: Gil Shaham
Live Music, 41 min., 2015, HD; VoD, M, IFE, LR

604849 003
Johann Sebastian Bach:
Magnificat in D Major BWV 243
Amsterdam Baroque Orchestra & Choir,
Conductor: Ton Koopman
Live Music, 30 min., 2015, HD; VoD, M, IFE, LR

604849 004
Gustav Mahler:
Symphony No 5 in C Sharp Minor
Lucerne Festival Orchestra,
Conductor: Claudio Abbado
Live Music, 68 min., 2015, HD; VoD, M, IFE, LR

604849 005
Richard Strauss:
An Alpine Symphony
Staatskapelle Dresden,
Conductor: Giuseppe Sinopoli
Live Music, 56 min., 2015, HD; VoD, M, IFE, LR

604849 006
Béla Bartók:
Concerto for Orchestra
Berlin Philharmonic, Conductor: Pierre Boulez
Live Music, 42 min., 2015, HD; VoD, M, IFE, LR

604849 007
Igor Stravinsky:
The Firebird
Berlin Philharmonic, Conductor: Sir Simon Rattle
Live Music, 43 min., 2015, HD; VoD, M, IFE, LR

604849 008
Wolfgang Amadeus Mozart:
Piano Concerto No 17 in G Major, KV 453
Cleveland Orchestra, Conductor: Franz Welser-Möst,
Soloist: Leif Ove Andsnes
Live Music, 29 min., 2015, HD; VoD, M, IFE, LR

604849 009
Ludwig van Beethoven:
Piano Concerto No 1 in C Major op. 15
Staatskapelle Berlin,
Conductor and Soloist: Daniel Barenboim
Live Music, 37 min., 2015, HD; VoD, M, IFE, LR



604849 010

Felix Mendelssohn: Scottish Symphony

Leipzig Gewandhaus Orchestra,

Conductor: Riccardo Chailly

Live Music, 39 min., 2015, HD; VoD, M, IFE, LR

604849 011

Wolfgang Amadeus Mozart:

Violin Concerto No. 3 in G Major

Gothenburg Symphony Orchestra,

Conductor: Marc Albrecht,

Soloist: Arabella Steinbacher

Live Music, 28 min., 2015, HD; VoD, IFE, LR

604849 012

Gustav Mahler:

Symphony No. 2 in C Minor

"Resurrection Symphony"

Gewandhausorchester Leipzig,

Conductor: Riccardo Chailly

Live Music, 90 min., 2015, HD; VoD, IFE, LR

604849 013

Ludwig van Beethoven:

Symphony No. 3 in E Flat Major "Eroica", op. 55

Lucerne Festival Orchestra,

Conductor: Claudio Abbado

Live Music, 60 min., 2015, HD; VoD, IFE, LR

604849 014

Johannes Brahms:

Tragic Overture in D Minor, op. 81

Lucerne Festival Orchestra,

Conductor: Claudio Abbado

Live Music, 17 min., 2015, HD; VoD, IFE, LR

604849 015

Franz Schubert:

Symphony No. 8 in B Minor "The Unfinished"

Budapest Festival Orchestra,

Conductor: Ivan Fischer

Live Music, 28 min., 2015, HD; VoD, IFE, LR

604849 016

Anton Bruckner: Symphony No. 9 in D Minor

Budapest Festival Orchestra,

Conductor: Ivan Fischer

Live Music, 61 min., 2015, HD; VoD, IFE, LR

604849 017

Johannes Brahms:

Symphony No. 1 in C Minor, op. 68

Verbier Festival Orchestra,

Conductor: Charles Dutoit

Live Music, 46 min., 2015, HD; VoD, IFE, LR

604849 018

Gustav Mahler: Symphony No. 9 in D Major

Gewandhausorchester Leipzig,

Conductor: Riccardo Chailly

Live Music, 87 min., 2015, HD; VoD, IFE, LR

604849 019

Franz Schubert:

Symphony No. 9 in C Major "The Great"

Orchestre de Paris, Conductor: Christoph von Dohnanyi

Live Music, 56 min., 2015, HD; VoD, IFE, LR

604849 020

Ludwig van Beethoven:

Piano Concerto No. 3 in C Minor, op. 37

Orchestre de Paris,

Conductor: Christoph von Dohnanyi,

Soloist: Martin Helmchen

Live Music, 37 min., 2015, HD; VoD, IFE, LR



604849 021
Pyotr Ilyich Tchaikovsky:
Violin Concerto in D major op. 35
 Leipzig Gewandhaus Orchestra
 Conductor: Riccardo Chailly
 Soloist: Julian Rachlin
 Live Music, 45 min., 2019, HD; VoD, LR

604849 022
Joseph Haydn:
Sinfonia Concertante in B flat major op. 84
 Israel Philharmonic Orchestra
 Conductor: Zubin Mehta
 Soloists:
 David Radzynski (violin)
 Emanuele Silvestri (cello)
 Dudu Carmel (oboe)
 Daniel Mazaki (bassoon)
 Live Music, 23 min., 2019, HD; VoD, IFE, LR

604849 023
Camille Saint-Saëns:
Cello Concerto No. 1 in A minor op. 33 and
"The Swan"
 Verbier Festival Chamber Orchestra
 Conductor: Gábor Takács-Nagy
 Soloist: Mischa Maisky
 Live Music, 27 min., 2019, HD; VoD, IFE, LR



604849 024
Ludwig van Beethoven:
Symphony No. 6 in F major op. 68 'Pastoral'
 Berlin Philharmonic
 Conductor: Bernard Haitink
 Live Music, 45 min., 2019, HD; VoD, IFE, LR

604849 025
Edvard Grieg:
Peer Gynt Suites No. 1 & 2
 Gothenburg Symphony Orchestra
 Conductor: Alain Altinoglu
 Soprano: Klara Ek
 Live Music, 47 min., 2019, HD; VoD, IFE, LR

604849 026
Hector Berlioz:
Symphonie fantastique op. 14
 Gothenburg Symphony Orchestra
 Conductor: Lionel Bringuier
 Live Music, 53 min., 2019, HD; VoD, IFE, LR

604849 027
Sergei Rachmaninoff:
Piano Concerto No. 2 in C minor op. 18
 Leipzig Gewandhaus Orchestra
 Conductor: Semyon Bychkov
 Soloist: Kirill Gerstein
 Live Music, 34 min., 2019, HD; VoD, LR

604849 028
Felix Mendelssohn Bartholdy:
Violin Concerto in E minor op. 64
 MusicAeterna
 Conductor: Teodor Currentzis
 Soloist: Patricia Kopatchinskaja
 Live Music, 26 min., 2019, HD; VoD, IFE, LR





Schumann at Pier2

The German Philharmonic Chamber Orchestra Bremen and its conductor Paavo Järvi dust off the symphonies of Robert Schumann and present them in a new light. They offer a refreshing take on the work of one of the greatest composers of the Romantic era.

“After performing all of Schumann’s symphonies you get a sense that what you learned about him at school was simply wrong. Robert Schumann’s symphonic music is amazing. If you’re brave enough to look beyond tradition and focus solely on the music, you’ll see just how impressive it is.” The project Schumann at Pier2 consists of two elements: a concert film and a recording of Schumann’s four symphonies.

The concert film Schumann at Pier2 offers a new and unconventional encounter with Schumann’s symphonic oeuvre. The film stars the US-Estonian conductor Paavo Järvi and the German Philharmonic Chamber Orchestra Bremen. The setting is Pier2, a former shipyard in Bremen harbor. Usually a venue for rock and pop concerts, on this occasion it hosts performances of Schumann’s symphonies for a young audience.

The film observes the orchestra during rehearsals and presents elaborately recorded performances. Paavo Järvi explains key sections of the symphonies and talks about Schumann’s life. Studio-takes show members of the orchestra playing selected passages from the symphonies and talking about what makes them so special.

Schumann at Pier2 combines these various filmic elements – concerts, rehearsals and studio recordings – into an entertaining, informative and fascinating musical experience.

684799

Schumann at Pier2 – Concert film with Paavo Järvi and the German Philharmonic Chamber Orchestra Bremen

Documentary, 02 x 45 min., 2013, HD; English, German, Spanish; VoD, LR

664800 001

Symphony No. 1 in B flat major, Op. 38, “Spring Symphony”

Live Music, 01 x 35 min., 2013, HD; VoD, LR

664800 002

Symphony No. 2 in C major, Op. 61

Live Music, 01 x 41 min., 2013, HD; LR

664800 003

Symphony No. 3 in E flat major, Op. 97, “Rhenish Symphony”

Live Music, 01 x 36 min., 2013, HD; LR

664800 004

Symphony No. 4 in D minor, Op. 120

Live Music, 01 x 34 min., 2013, HD; VoD, LR





Christmas Music

Johann Sebastian Bach: Christmas Oratorio

684914

Live Music,
02 x 50 min.,
Only Music

The Christmas Oratorio is probably the most popular spiritual work by Johann Sebastian Bach. The composition for choir, orchestra and vocal soloists illustrates the Biblical Christmas story and was written at a time when Bach was employed as cantor at the famous St. Thomas Church in Leipzig. It is comprised of several parts originally intended for church services on Sundays and religious holidays between Christmas and Epiphany. It was first performed in sections in the winter of 1734/35 under Bach's baton. Soon afterwards, the composer merged the six highly uniform parts to create the Christmas Oratorio. However, owing to its considerable length of around two-and-a-half hours, it was rarely performed in its entirety.

DW Transtel presents Bach's Christmas Oratorio, performed by the Royal Concertgebouw Orchestra from Amsterdam, one of the world's best orchestras, in an abridged version of 2 x 50 minutes. This version comprises four of the six parts which perfectly reflect the spirit and the mood of the oratorio.

The entire Christmas Oratorio is borne by the joy at the birth of Christ, which finds its expression in celebratory choruses and dynamic orchestral passages, interspersed with hymns and emotional arias performed by the vocal soloists. All the while, melancholic musical allusions infuse the fundamentally joyful tone of the work with the knowledge of the later death of the Savior on the Cross – all masterfully interconnected by Bach in a manner that lends his music a timeless character.



684914 001

Christmas Oratorio, Parts I-II

The Royal Concertgebouw Orchestra
and Cappella Amsterdam
conducted by Jan Willem de Vriend.

Soloists: Judith van Wanroij (Soprano),
Elisabeth Kulman (Alto), Fabio Trümpy (Tenor),
Yorck Felix Speer (Bass).

A performance at the Koninklijk Concertgebouw,
Amsterdam.

Live Music, 53 min., 2019, HD; VoD, IFE, LR

684914 002

Christmas Oratorio, Parts V-VI

The Royal Concertgebouw Orchestra
and the Nederlands Kamerkoor
conducted by Trevor Pinnock.

Soloists: Marlis Petersen (Soprano),
Ursula Eittinger (Mezzosoprano),
Daniel Behle (Tenor), Michael Nagy (Bass).

A performance at the Koninklijk Concertgebouw,
Amsterdam.

Live Music, 48 min., 2019, HD; VoD, IFE, LR





Gloria in Excelsis Deo – Celebratory Music at Christmas

684878

The little town of Marienberg is situated in the Ore Mountains of eastern Germany. Its late Gothic Church of St. Mary is the setting for the Christmas concert Gloria in Excelsis Deo. The soprano Ruth Ziesak, the Wernigerode Radio Youth Choir, the Ensemble Sonora and the Sächsische Bläserphilharmonie under its conductor Thomas Clamor perform a range of music that suits the festive season.

Live music, 01 x 82 min., 2016, HD; IFE, LR



THE PROGRAM:

George Frideric Handel:
Tochter Zion freue dich
(Rejoice Greatly, O Daughter of Zion)

Martin Luther:
Vom Himmel hoch da komm ich her
(From Heaven Above, to Earth I Come)

Richard Wagner:
Elsas Zug zum Münster
(Elsa's Procession to the Cathedral)

Peter Tchaikovsky:
Excerpts from The Nutcracker Suite

Felix Mendelssohn:
Denn er hat seinen Engeln befohlen
(For He Shall Give His Angels Charge)

Richard Eilenberg:
Petersburger Schlittenfahrt
(Petersburg Sleigh Ride)

John Francis Wade:
Adeste Fideles

Engelbert Humperdinck:
Abendsegen (Evening Prayer)

Siegfried Köhler:
Tausend Sterne sind ein Dom
(A Thousand Stars are a Cathedral)

Franz Xaver Gruber:
Silent Night, Holy Night



White Christmas – International Christmas Concert

684877

This Christmas Concert at the grand Konzerthaus in Vienna brings together artists from all over the world to sing a wide range of songs. The performers are the ORF Radio Symphony Orchestra with its conductor Karel Mark Chichon, the Vienna Boys Choir, the Vienna Choral Society, and the soloists Bernarda Fink (soprano, Argentina), Tamar Iveri (soprano, Georgia), José Cura (tenor, Argentina), and Boaz Daniel (baritone, Israel).

Live music, 01 x 52 min., 2016, HD; LR

THE PROGRAM:

Robert Stolz:

**Es blüht eine Rose zur Weihnachtszeit
(A Rose Blooms at Christmas)**

Carl Orff:

Fortuna Imperatrix Mundi

Hector Panizza:

Aria from the opera Aurora

Heitor Villa-Lobos:

Cantilena from Bachianas Brasileiras No. 5

Arturo Márquez:

Danzón No. 2

Ariel Ramírez:

Navidad Nuestra

Nunu Gabunia:

On the Morning of 25 December

Irving Berlin:

I'm Dreaming of a White Christmas





Wintry Dreams and Christmas Melodies

664705

Festive music to celebrate Christmas. On the programme: Arcangelo Corelli's "Christmas Concerto" played by the Baden-Baden Philharmonic, as well as traditional songs and other seasonal melodies. Concert venues include the Kurhaus Baden-Baden, castles, museums, churches and abbeys in southwestern Germany. The centrepiece is the famous "Christmas Concerto", a work that is easily as well known as Antonio Vivaldi's "Four Seasons" these days. It has an especially rich structure, with regard to movement progression, dynamics and melodic structure.

Aggressive sections alternate with wistfully pastoral parts, painfully dissonant movements with calm and peaceful ones; very fast, almost hurried sections are abruptly interspersed with measured passages that almost appear to be grinding to a halt. An intense musical game of questions and answers serves to draw all these divergent, contrasting elements together, and despite the ornamentation and virtuosic coloratura passages, the exceptionally soulful dominant violin melody comes very close to part writing for the human voice. The closing 5th movement leads into the famous Pastorale: in a major key, instead of an austere minor key, and in a tranquil, restrained manner, this comforting pastoral music ambles by: in a rocking gait, with cantilenas in thirds and sixths and a pianissimo as subtle as the beat of angels' wings – as the piece draws to a close. **Live music, 01 x 30 min., 2008, SD; LR**

PROGRAMME INCLUDES:

Henry Purcell

Trumpet Tune

Joy to the World

Simply Reed Saxophone Quartet

In dulci jubilo

Lute Ensemble "Secret des muses"

Hark, the Herald Angels Sing

Simply Reed Saxophone Quartet

Arcangelo Corelli (1653–1713)

Concerto grosso G minor op. VI / 8, "fatta per la notte di natale" – Christmas Concerto
 Vivace – Grave
 Allegro
 Adagio – Allegro – Adagio
 Vivace
 Allegro – Pastorale
 Baden-Baden Philharmonic
 Conductor and Harpsichord: Pavel Baleff
 1. Violin: Yasushi Ideue
 2. Violin: Alexandra Bossak

F.X. Gruber

"Stille Nacht"

(Original Version, Adaptation: Holger Speck)
 Vocal Ensemble Rastatt, Conductor:
 Holger Speck





Exultation! Jubilation!

684644

Live music, 01 x 60 min., 2003, SD; LR

or

“Fröhlich soll mein Herze springen” (Part I)

“Fürchtet Euch nicht!” (Part II)

664644

Live music, 02 x 30 min., 2003, SD; LR

Christmas concert with Korean soprano Sumi Jo, the Vokal Ensemble Köln, and the Capella Coloniensis conducted by Michael Schneider from St. Maria im Kapitol, Cologne. From baroque to classical with an excursion into the romantic: this Christmas concert covers a broad range. In addition to famous Christmas carols such as “Fröhlich soll mein Herze springen”, the programme includes the Christmas cantata “Fürchtet Euch nicht!” by Christoph Bernhard, Alessandro Scarlatti’s coloratura-rich Italian pendant, and Adolphe Adam’s celebrated Christmas carol “Cantique de Noel” which has been translated into many languages and is known in English as “O Holy Night”.

Wolfgang Amadeus Mozart is represented with the motet “Exsultate, jubilate”, KV 165. The Christmas spirit is maintained by Japanese virtuoso Hiro Kurosaki with Vivaldi’s violin concerto RV 270 in E major “Il riposo – per il Natale”. The highlight of the Christmas concert is the original version of “Stille Nacht, Heilige Nacht” composed in 1836 by Franz Xaver Gruber for flute, clarinets, horns, bassoon, strings, organ, soprano and baritone solo voices, and choir.

