

www.fulldome-festival.de



13th **fulldomefestival** 2019

echoes of the unknown

Opening: 22th May 7:00 pm
– CIRQUE DU BAUHAUS –
360 Degree Immersive Music Theater

PROGRAM
22th – 25th May 2019

Editorial – Echoes of the Unknown

The time for Echoes of the Unknown has come because Echoes of the Unknown are notoriously immersive, surround, interactive, awesome and avant-garde. Just like the new crop of fulldome art and technology that will be presented at the 13th Jena Full-Dome Festival. Yes, that's how old we are in one of the most youthful branches of the media world. Echoes of the Unknown are famous for instigating deep changes in the perception of 360-degree media events and in the mind of their producers.

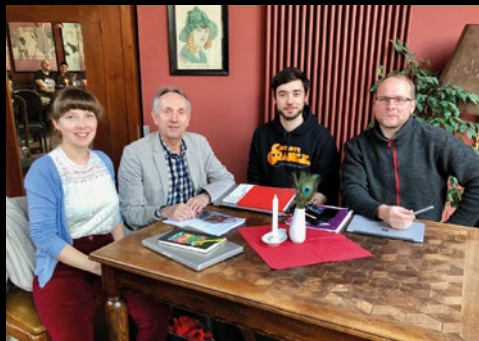
That's the reason why the shape of a fulldome theatre resembles the inside of a human skull. The dome, as we see it, is a symbol of your head, blown up to a huge, all-encompassing canvas. Whatever goes on in someone's head can be externalized as a moving projection in the canvas of the dome-skull, visible for everyone, as long as the necessary skills, funds, creativity and technology have come together.

And at any given scene or moment you can wonder why the resulting fulldome show means a lot to some, or little to others.

You may feel lonely in the dome, but you are never alone because the dome is a high tech tribal community yurt, inhabited by neighbors, strangers or aliens, all ready for interaction with inner and outer worlds, be it in the waking or the dream state, or any state in between. If the ego-mind's existential loneliness is the question, then a shift towards multisensory multiperspectivism in a shared, benign and open immersive environment shall be the answer!

That's what the Echoes of the Unknown have told us to tell you, as we welcome all of you to the 13th Jena FullDome Festival!

Micky Remann, Stefan Harnisch, Robert Metzner & Liese Endler



CONTENT

AWARDEES 2018	4
JURY 2019	6
FULL-LENGTH FEATURE SHOWS	7
SHORT FILMS	14
STUDENT FILMS	23
EVENING PERFORMANCES	31
AWARD GALA	33
FRAMELESS FORUM	34
PROGRAM AT A GLANCE	39
SPONSORS	43

Awardees 2018

JANUS Student Award

Nicolas Gebbe, University of Art and Design, Offenbach, Germany for the student contribution »Urban«, decided by the FullDome Festival jury, donated by Carl Zeiss Jena GmbH.

Barbara Rządźka, Planetarium Wenus, Zielona Góra, Poland for the student contribution »Surroundings«, decided by the FullDome Festival jury, donated by Carl Zeiss Jena GmbH.

JANUS Award for the Best Fulldome Short

Film 4Pi Productions, Cardiff, Wales, UK for the short film contribution »Liminality«, decided by the FullDome Festival jury, donated by the Fulldome Festival Foundation.

JANUS Audio Award

Camilo Giraldo Angel, Carmen Gil Vrolijk, Universidad de los Andes / La Quinta del Lobo, Bogotá, Colombia for the short film contribution »Hybris«, decided by the FullDome Festival jury, donated by the Full-dome Festival Foundation.

JANUS Jury Award

Mohammad Jaradat, Bauhaus University, Weimar, Germany for the student contribution »Is Life a Simulation?«, decided by the FullDome Festival jury, donated by the Fulldome Festival Foundation

JANUS Astro Award

Maciej Ligowski, Maciej Rasata, Creative Planet, Poland for the feature film »Explore«, decided by the FullDome Festival Directors, donated by Carl Zeiss Jena GmbH.

JANUS Directors Award

Rocco Helmchen, Johannes Kraas, Bottrop, Germany for the feature film »Dimensions – Once Upon Our Reality«, decided by the FullDome Festival Directors, donated by the Fulldome Festival Foundation.

Ryan Wyatt, California Academy of Sciences, San Francisco, USA for the feature film »Expedition Reef«, decided by the FullDome Festival Directors, donated by the Fulldome Festival Foundation.

Philippe Baylaucq, René Chénier, National Film Board of Canada in collaboration with Montreal Space for Life's Rio Tinto Alcan Planetarium for the feature film »Kyma, Power of Waves« decided by the FullDome Festival Directors, donated by the Full-dome Festival Foundation.

Michael Gandham, Arcus Animation Studios, Tyne and Wear, UK for the feature film »Star Maker«, decided by the FullDome Festival Directors, donated by the Full-dome Festival Foundation.

Award for Use of Innovative Production Technologies

Benjamin Vedrenne, Montreuil, France for the short film contribution »Brownian Motion«, decided by the FullDome Festival jury, donated by Sky-Skan Europe.

Jerem Oury, Saint Sauveur, France for the short film contribution »Skylark«, decided by the FullDome Festival jury, donated by Sky-Skan Europe



The FullDome Festival Audience Choice Award for the Best Feature Film
Maciej Ligowski, Maciej Rasala, Creative Planet, Poland
for the feature film »Explore«



Jingyi Li, Bauhaus University Weimar, Germany for the student work »Blind World of Little Karl May«

Jordan Daher, Ringling College of Art and Design, Sarasota, USA for the student work »Dhyana«

Thomas Hochwallner, Universität für Angewandte Kunst, Vienna, Austria for the student work »Periods of Space«

Shanshu Li and Sujing Lin, Fachhochschule Potsdam, Germany for the student work »Space Elevator«



Planetarium of University of Santiago of Chile, Santiago de Chile, Chile for the feature film »Bot & Lu: Escape from the Black Hole«

Dominic Allen, Warik Lawrance, Melbourne Planetarium, Spotswood, Australia for the feature film »Carriberrie«

Tobias Wiethoff, Zeiss Planetarium Bochum, Germany for the feature film »Das Silberne Segel«

Thomas Lucas, Michael Bruno, Robin Sip, A co-production of Spitz Creative Media, Mirage3D, Thomas Lucas Productions, Inc. for the feature film »Faster Than Light: the Dream of Interstellar Flight«

Hiromitsu Kohsaka, LIVE Company Ltd. / GOTO INC, Tokyo, Japan for the feature film »HORIZON: Beyond the Edge of the Visible Universe«

Victoria Rubinstein, Universidad Nacional de Córdoba, Argentina for the short film »The Adventures of Claws and Green«

JURY 2019

INTRODUCING THE 2019 FULLDOME FESTIVAL JURY

We are honored to introduce three experts who have agreed to donate their time to review fulldome shows eligible for an award in the 2019 contest. The jury works independently of the festival organizers or any company or institution. The jury members decide which shows deserve a JANUS Award along with prize money and certificate. All award winners will be announced and applauded at the Festival Gala on May 25th.

LAURA SAENGER



Laura Saenger is Head of 360° and Virtual Reality at the Film and TV Production Company TVN GROUP in Hannover, Germany. Her specialist team designed and implemented 360° VR experiences in various fields of application like education, healthcare, entertainment and politics. With own camera solutions, TVN pushes the development and application of innovative 360° technology, thus acting at the forefront of 360° live streaming. As a co-host of the largest Virtual Reality Meetup in Germany, TVN also supports the exchange of newest developments in this field.

MANUELA MEYER



Has an M.A. in media design and media science from Jena University (FSU Jena). In her master thesis she researched the cinematographic history of the Planetarium. Scientific assistant in the DFG-Project "Time – Image – Space" at Technische Universität Berlin. Scientific assistant at the faculty of mathematics and computer science at Jena University. Project manager for software development at PDV GmbH Erfurt.

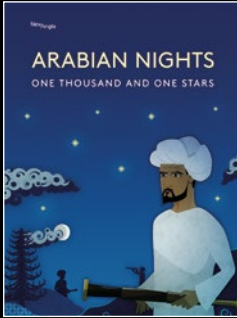
TIM FLORIAN HORN



President at Stiftung Planetarium Berlin, director of Zeiss-Großplanetarium Berlin. Skills in the conceptualization, creation and development of science-driven visualizations, exhibits, 3D stereo productions, and planetarium shows for general audiences. Interpretation of science topics for educational purposes. Managed a team of seventy people in planetariums and observatories. Demonstrated technical, analytical, artistic and problem solving skills. Provided regular radio and television interviews and public relations. Excellent skills in 3D animation, graphics, editing, desktop publishing, office productivity software. Extensive knowledge of IT and planetarium technology management.



**FEATURE
SHOWS**

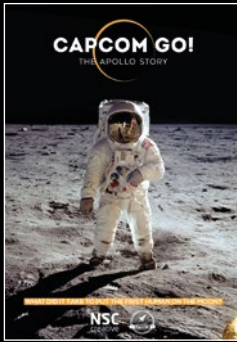


FRIDAY
2:00 pm

ARABIAN NIGHTS: ONE THOUSAND AND ONE STARS

Becky Salomons, Newangle,UK (18 min)

Why do many of the brightest stars have Arabic names? As the moon rises over Kuwait City, a mother reads a book at bedtime to eager children, transporting us all back to the golden age of Islamic astronomy. See the night sky in a new light. Hear from colourful characters: a Bedouin girl, a famous Caliph, Al Sufi the astronomer. At the end, the inspired children soar across the Universe in their imaginations: the story of astronomy, a quest for discovery, can continue in us all.

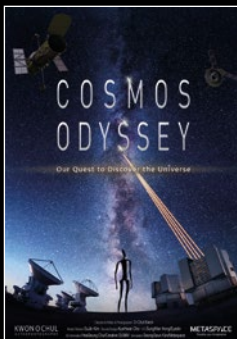


THURSDAY
2:00 pm

CAPCOM GO! THE APOLLO STORY

NSC Creative, UK (25 min)

The achievements of the Apollo program and what it took to put land the first human on the Moon almost 50 years ago. It will introduce a new generation to the immense challenges they overcame and will inspire them to become the explorers, designers, engineers, thinkers and dreamers of the future.



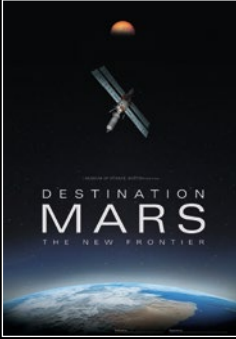
THURSDAY
5:00 pm

Fulldome World Premiere

COSMOS ODYSSEY

**Kwon o Chul, Metaspace,
South Korea (29 min)**

The range of the universe that mankind knows has been getting wider with the development of astronomy. From the mythological cosmology, Ptolemaic system and Copernican system, invention of the telescope, Astrophotography, modern observatories with large telescopes and radio telescopes, space telescopes, to the various observatories such as Super-Kamiokande and LIGO. Let's take a trip to the field of cutting-edge observation technology of modern astronomy.



THURSDAY
3:00 pm

FullDome World Premiere
DESTINATION MARS: THE NEW FRONTIER
Jason Fletcher / Dani LeBlanc, Charles Hayden Planetarium, Museum of Science, USA (30 min)

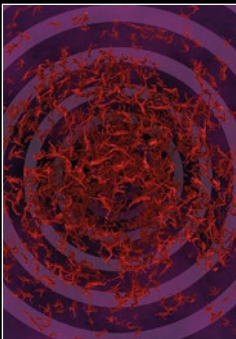
Ever wonder what it would be like to fly to Mars? NASA – and others – have their sights set on the Red Planet and they’re building the technology to get us there. Destination Mars: The New Frontier gives you an up close look at humanity’s most epic endeavor. Explore the work being done around the globe to help make the dream of getting humans to Mars a reality. Fly through the International Space Station, where astronauts are already living and working in space, and follow the rockets and vehicles that will take humans beyond the Moon and, one day, all the way to Mars!



SATURDAY
5:00 pm

EXO
Sebastien Gauthier, Planétarium Rio Tinto Alcan Montréal, Canada (33 min)

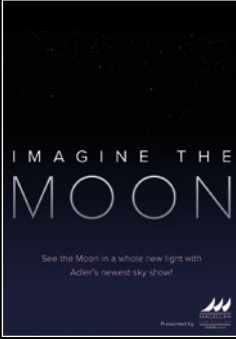
This “feel good movie” about life and the search for exoplanets is intended to be celebratory, positive and exciting. The Rio Tinto Alcan Planetarium team hopes to get audiences interested not only in astronomy research, but also in creating connections between ourselves and the extraterrestrial life that may be out there in the universe. Humankind has always sought to understand the mysteries of the Universe and speculated about the possibility of extraterrestrial life. Today we know of thousands of exoplanets – planets located outside our Solar System – that offer valuable information about our own planet, its origins and life on Earth.



THURSDAY
8:00 pm

FREE FALL
Catherine Chagnon, Microclimat Films, Canada (32 min)

The immersive film is a physical experience of vertigo and transcendence, produced by the circular motion of falling bodies subject to gravity. This force flows in us, through us and around us. The immersive experience seeks to stimulate the viewer’s senses in unexpected ways, causing surprisingly visceral and psychological sensations that give rise to a feeling of abandonment and movement through a vortex of interstitial space. Free Fall offers a temporary escape while reminding us that the pull of the earth and our finality are inescapable.



FRIDAY
4:30 pm

IMAGINE THE MOON Adler Planetarium, USA (26 min)

Newest sky show, Imagine the Moon, explores how the Moon has inspired human creativity, learning, and exploration for as long as we've looked up. Each discovery has brought new opportunities to contemplate and imagine, until, driven by dreams, we left Earth and went there in the amazing journeys that culminated in astronauts walking on the Moon. People have imagined the Moon as a glowing disk in the sky, a destination in space, and a world that shares its origin with the Earth. The power of human imagination continues to inspire our relationship with the Moon as our partner in space and companion in our sky.



FRIDAY
5:00 pm

MARS 1001 Robin Sip, Mirage3D, Netherlands (43 min)

Space reporter Miles O'Brien is guiding you through the first human mission to Mars. A daring 1000 day mission to fly an international crew to Mars and return them safely to Earth. Many hurdles will have to be taken in order to succeed. Embark on the greatest adventure of the 21st century and unlock the secrets of the new World!



FRIDAY
4:00 pm

MEXICA ARCHAEOASTRONOMY: BETWEEN SPACE AND TIME Gabriel Berrios, Frutos Digitales, Mexico (20 min)

Through impressive immersive scenarios, Mexica Archaeoastronomy: between space and time illustrates the important role played by astronomical observation for the evolution of pre-Hispanic cultures in central Mexico. The Mexicans used the calendrical and astronomical knowledge inherited by their predecessor cultures to found the capital of their empire: Tenochtitlan. Vibrant colours, shapes and sounds transport the viewer to one of the most important cultures that, to this day, still lives in the heart and skin of the Mexican people.

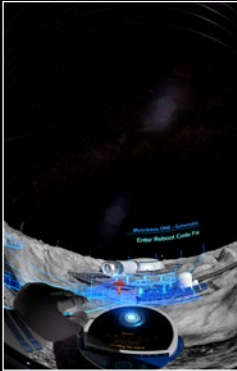


SATURDAY
1:00 pm

MINNESOTA IN THE COSMOS

NSC Creative, UK (22 min)

Minnesota in the Cosmos is the first Bell Museum original production. The story explores the formation of the universe from a uniquely Minnesota perspective, investigating the deep cosmic and geological history of the land beneath our feet as seen through the eyes of a boy on a field trip to Interstate State Park in Taylors Falls, Minnesota.



THURSDAY
7:00 pm

MOONBASE ONE

Warik Lawrance, Melbourne Planetarium, Australia (28 min)

Taking place across the night of a full moon, we join a Virtual Reality games developer as she struggles to work out what is wrong with her new game.

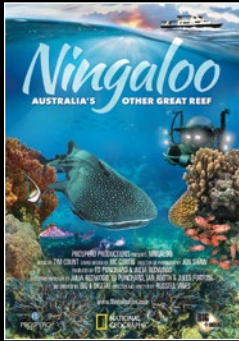


THURSDAY
9:00 pm

NACHTFLUG

Jürgen Rienow, Stiftung Planetarium Berlin, Germany (45 min)

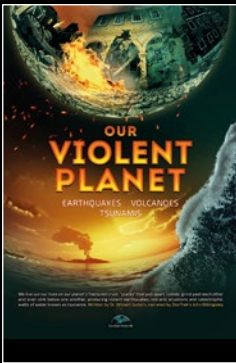
„Nachtflug“ (Night Flight) takes the audience on a journey from Berlin night life and clubs to the edge of the imaginable. Well-known spaces meet fantastic fractal worlds, the border between reality and fiction seems to dissolve. Get ready to drift with the unique sounds of electronic music artists Parra for Cuva, Aparde and Apparat.



SATURDAY
4:00 pm

NINGALOO: AUSTRALIA'S OTHER GREAT REEF
**Julia Redwood Prospero Productions and
BIG & Digital, Australia&USA (25 min)**

A magical expedition with marine biologist Anna Cresswell, revealing intimate secrets of Ningaloo Reef, the world's largest fringing coral reef. Ningaloo Reef is visible from space and stretches along the north west coast of Western Australia. We dive below the surface in a two-person submarine, *Odyssea*, on an underwater adventure. Rich in coral, we travel this underwater highway for the planet's largest and smallest fish, including the whale shark. The live action full-dome Show is an immersive voyage of discovery as we witness Ningaloo and the rare natural wonder and spectacle of life – the annual coral spawning.



THURSDAY
4:00 pm

OUR VIOLENT PLANET
**Iryna Filipova, FullDome Studio DN,
Ukraine&Germany (28 min)**

We live our lives on our planet's fractured crust, "plates" that pull apart, collide, grind past each other and even sink below one another, producing violent earthquakes, volcanic eruptions and catastrophic walls of water known as tsunamis.



FRIDAY
3:00 pm

PARTICLE WAVE
**Alicia Sometimes/Andrew Watson,
Australia (49 min)**

Particle/Wave is an immersive multimedia exploration of gravitational waves at the point where poetry, video art, music and science intersect. First observed in 2015, gravitational waves are ripples in space-time, traveling away from exploding stars, merging black holes and other cosmological phenomena. Physicist Stephen Hawking called them 'a completely new way of looking at the universe.' A mindexpanding collaboration of artists and internationally renowned scientists, Particle/Wave offers a unique lens into this incredible discovery. Following a sell-out season at the Melbourne Festival 2018 and this year's World Science Festival Brisbane, Particle/Wave will be touring in the UK/Europe in 2019. What stories do gravitational waves tell?



SATURDAY
3:00 pm

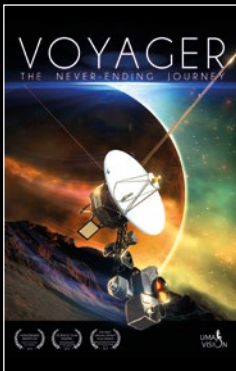
Fulldome World Premiere
SKY TOUR
KAGAYA Studio, GOTO INC, Japan (35 min)

In pursuit of the world's ever-changing starlit skies. Journey across beautiful landscapes, oceans and continents to discover the different views into space that our planet offers. Watch the Southern Cross and Milky Way slowly move across the sky as you are immersed in beautiful timelapse imagery. Then enter the magical dream-world of Salar de Uyuni, where the universe is seen reflected within a giant natural mirror. Then leave our planet to travel through space in beautiful simulations that reveal the true nature of our galaxy. Explore North America, Hawaii, Australia, Bolivia, New Zealand. A breathtaking film, incorporating timelapse footage gathered over three years of world travel.

THURSDAY
5:30pm

THE EMBRACE OF THE OCEAN
Hannes Vartiainen, Leading Note Pictures
Finland (38 min)

Expedition to discover the extraordinary diversity of life in our oceans. From microscopic, single-celled organisms that form the basis of life on Earth, we travel across the globe, visiting the coral reefs of Indonesia and the tropical waters of Tonga, diving deep into the oceanic night and exploring one of the largest brackish water basins of the planet – the Baltic Sea. On the way we encounter some of the smallest and largest creatures on the planet.



SATURDAY
2:00 pm

VOYAGER: THE NEVER-ENDING JOURNEY
Yuriy Gapon, UMA Vision, Ukraine (27 min)

The show tells a thrilling story of the most remarkable space mission in human history. In 1977 two space probes were launched to explore the farthest planets of the Solar system: Jupiter, Saturn, Uranus and Neptune along with their moons. These spacecraft greatly enriched our knowledge of the distant worlds. Now after four decades they explore the interstellar space. Like two bottles launched into the cosmic ocean, both probes carry an interstellar message – the Golden Record, intended for any alien civilization.



SHORT FILMS

AMERICAN WEST

Kwon o Chul, Astrophotography
South Korea (8 min)

Saturday

This short film shows real starry starry nights of the American West.



AQUAFLOAT

Marek Slipek, Germany (7 min)

Saturday

Aqua float is a colourful enduring generative fulldome projection. The vast amount of geometrical particles remind one of a fish swarm or an atoll. The tricky mixing of foreground and background elements merges, divides and influences the space in between. The constant change of agglomeration and loosening up of elements creates a vibrant and vivid atmosphere. The colours glow in darkness and illuminate the room with perpetual dashes of colours, sometimes tertiary muted, sometime primarily luminous. The dark sea is aurally cut through a clear sonar sound, embedded in vast fluttery mystic surrounding. A slow constantly repeating subsonic stroke evokes a sense of meditation.



Fulldome World Premiere

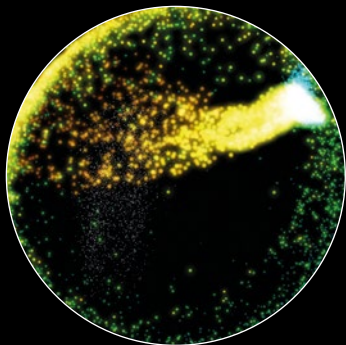
BERGHOLTER

Wanja Hohmeier, Sternhelden, Germany (5 min)

Thursday

This shortfilm is a mystic clip where the imagery opens a sight into an abstract and mythological sphere to express the mortality and the confidence, not to be alone and lost in darkness but faced with the destiny to know to be committed to the decay, however being balanced with yourself in the pure. This song, written by the musicians Bergholter, is a pleading for the belief in oneself, in the inner strength so that darkness cannot be harmful. The acoustic world of the Bergholter duet lies somewhere inbetween electro, pop, techno and soul. The abstract story is represented by mythological figurations, partly hidden in darkness but still transmitting some luminance. The visual language of the metaphysical sphere and inner thoughts in Bergholters very first song is a mixture of physical acting and cgi-elements.





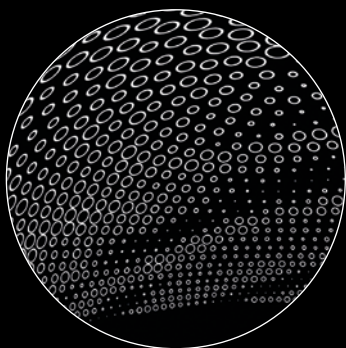
BETWEEN HEAVEN AND EARTH
**Jentsch Wilfried, Hochschule für Musik
Dresden, Germany (11 min)**
Friday

Das Ausgangsklangmaterial bilden ein chinesisches Becken, Vogelstimme und mittelalterlich sakraler Gesang, das mit Hilfe digitaler Klangsyntheseverfahren eine neue Klangwelt erzeugt. Granulare Transformationen bilden für Musik und Bild das charakteristische Gestaltungsmerkmal. Die Kugelgestalt für Erde und Sonne bilden das visuelle Zentrum worin sich granulierende Klang- und Bildpartikel in komplexen Konfigurationen eines virtuellen 3D Raumes bewegen.



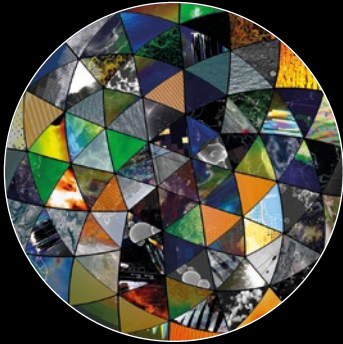
Fulldome World Premiere
CHECKING UP ON EINSTEIN
**Thomas Müller, Max Planck Institute for
Astronomy, Germany (4 min)**
Thursday

This year, we are celebrating the 100th anniversary of the British Solar Eclipse expedition of 1919. Our film explores the expedition's observations of the gravitational deflection of light near the Sun, and their significance as the first successful test of Einstein's general theory of relativity - after all, this was what catapulted Einstein to world fame! The film includes custom-made, fully relativistic simulations of light propagation in the vicinity of a black hole.



CIRCLE CIRCUS
Marek Slipek, Germany (3 min)
Saturday

"Circle circus" is an abstract generative journey through space with visual and audible contrasts. An Accompanied synth storm creates the atmosphere of a condensed science fiction- movie, an odyssey into the mysteries of a vast void. These generative visuals are made to explore the geometry laws of a dome projection. A 360 degree projection on a vault is totally different from a plane one, allowing novel visual impressions. Thereto I pursue three approaches. On the one hand i emphasise the geometry of the vault and animate each spot of the projection. On the other hand i incorporate free floating elements mutating in an organic way.

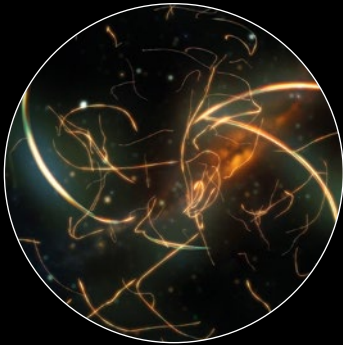


CLIMATE CRIMES

**Michaela French, Royal College of Art, UK
(11:30 min)**

Thursday

Climate Crimes explores the complex relationship between global air pollution, climate change and human migration. This immersive fulldome film investigates how anthropogenic aerosols and other atmospheric particles originating in the wealthy nations of the global north – Europe, USA, China, and others – impact global climate systems and contribute to the desertification and migration in the Sahel region of north Africa. The spatial video content is designed to immerse the viewer in this cyclic story of cause and effect.

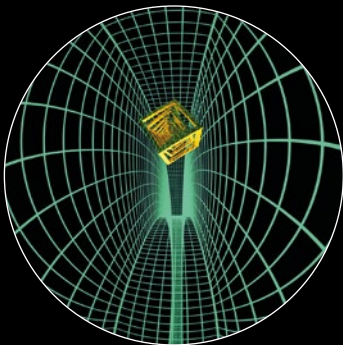


GLOW

Rocco Helmchen, Germany (5 min)

Saturday

Light. Colour. Sound. A short playful choreography of music and visuals, celebrating light within the dark. Commissioned by the "Carl Zeiss Jena" Production as a mood-piece to elevate dome projection product presentations.



HADRON

**SEBASTIAN RODRIGUEZ RODAR, Chile
(5min)**

Friday

A hadron particle goes out control and make a whole new universe



HOLOSENSE

Eduard Thomas FH Kiel, Northdocks, Germany (9 min)

Thursday

In the world of „HoloSense“ secrets are a thing of the past. Humans wear smart contact lenses that augment their reality at all times and allow the government to monitor every move of the population. The short film shows a day of Sam Cooper's life in this dystopian future where everyone knows everything about each other simply by looking at them. After learning about the advantages of the smart lenses in everyday life we quickly realize that the dark side of this system is bigger than we think. We produced „HoloSense – All Eyes on You“ to raise awareness for this topic in an innovative way and to show and example of what could soon become our reality if we don't change the way we share information about ourselves online.



IMMERSIVE

JEREMY OURY, Arcana Collective, France (8 min)

Thursday

Immersive plays with the Op art concept and minimalism content to produce illusions and illimited perspective. Projection plays with delay and echo in a rythmic progression of abstract patterns. It wants to surprise the viewer to get out of his custom point-of-view and question the perceptions of our daily reality. The ascending movement and the use of stroboscopic images gives a new feeling of time and the sensation to be fully immersed.



MISSION ASTRONAUT

Peter Popp Softmachine Immersive Production GmbH, Germany (9 min)

Saturday

"Mission Astronaut" begleitet die beiden Raumfahrer Alexander Gerst und Thomas Pesquet auf ihrem Flug mit der Internationalen Raumstation ISS um den Orbit. Wir erleben hautnah, wie die Helden der Raumfahrt sich beim Astronautentraining unter Wasser und in Zentrifugen auf ihre Reise vorbereiten, begleiten sie auf ihren Weltraumspaziergängen und sehen spektakuläre 360°-Realaufnahmen aus dem Weltraum und dem Inneren der ISS...



Fulldome World Premiere

PRECURSOR

Hebei University, China (15 min)

Friday

Guo Shoujing was a famous astronnomer and hydraulic engineering scientist in the Yuan Dynasty of China, This film made by teachers and students of Hebei Normal University pays tribute to his great achievements in astronomy.



PRIMITIVE

Sean Caruso, Societ  des Arts Technologique, Canada (5min)

Thursday

Primitive primates psychological psilocybic exploration and eventual platonic penetration. PRIMITIVE is an ode to American ethnobotanist, Terence McKenna's "stoned ape theory"

PMR [PROTOTIPO]

Lucas De Marziani (12 min)

Thursday

Organize, interpret and synchronize stimuli. Persistence, Multiplication and Delay [prototipo] is an audiovisual image and sounds are subjected to temporal distortions.



REACH FOR THE STARS

Volkmar Schorcht, Carl Zeiss Jena GmbH, Germany (14 min)

Saturday

"Reach For The Stars" is a commercial fulldome production. ZEISS introduces its new powerdome software version by means of a lively dialogue. Bill, the planetarium program director, experienced with planetarium programs, now has the new powerdome IV version and wants to present it to Nick, new in the planetarium team, a volunteer who is eager to learn and is inquisitive. The dialogue format to introduce planetarium software and its capabilities is rather new to the fulldome medium.



Fulldome World Premiere

SENSUAL IMMERSION

Maren Kießling, Germany (15 min)

Thursday

Join us at our trip through the universe of erotic film history and then be part at our surrealistic kinky party before two lovers will cast a spell over you and lead you to their secret garden of love.



SONOLUMIN

Diana Reichenbach Museum of Arts and Science Macon, USA (5 min)

SATURDAY

SONOLUMIN is a stop-frame animated 360° fulldome film exploring relationships of light, sound, and space.



SPACE DRIVER

Arkadiy Grigoryants, Beyond Pixel (4 min)

In a galaxy far far away... In the far distant future... You still need a driver's license... Navigate your ship through the space station. Follow the track and avoid the obstacles, to reach the finish alive and safe. Complete your space driving test to get your first Space Driver license. Space Driver - A new immersive 360 ride show. Go the edge and beyond. Short!!!!

THE GREAT WAKA

Kara Vandeleur, OHU Domes, New Zealand (5min)

Friday

This New Zealand Māori tale tells the story of how a fisherman, Tamareriti, created the Milky Way with all its constellations, and for the first time brought light to our Southern night skies. Look up from The South Pacific, and you'll see his Great Waka canoe traveling across the sky. Find out how the waka came to be there and how through the ages it has guided Polynesian sailors navigating the southern seas. This theatrical animation was created by OHU Domes and features recordings of traditional Māori Instruments, and showcases high-end creative storytelling for full dome screens.



TONI BURGHART - MALER UND DICHTER

Christian Oberlander, Planetarium Nürnberg, Germany (14 min)

Thursday

Toni Burghart gilt als einer der bedeutendsten zeitgenössischen Künstler der Stadt Nürnberg. Im Zusammenhang mit einer Filmdokumentation über ihn entstand eine ca. 14 minütige Sequenz für die Full-dome-Projektion, die mit dem Film im Dezember 2018 im Nicolaus-Copernicus-Planetarium in Nürnberg zur Vorführung kam. Motive des Malers und Dichters wurden mit der Musik der australischen Ureinwohner verknüpft. Diese Musik mochte der Künstler besonders.



Fulldome World Premiere

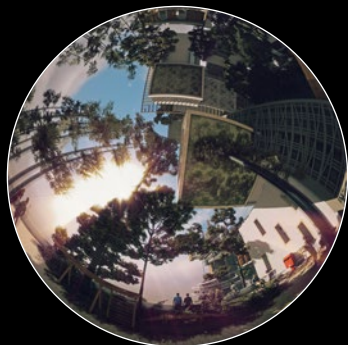
URBAN LEVITATION

Sergey Prokofyev / Studio Schwitalla, Germany (5min)

Saturday

This short Fulldome film is an architectural visual story based on the conceptual project "Sports Tower" that has become a finalist in eVolo 2011 skyscraper competition and the model of Manhattan.





VERTICAL STREET CITY

Sergey Prokofyev / Studio Schwitalla, Germany (3 min)

Saturday

I want to present our study of new ways of architectural communication and storytelling through immersive video. As an example was taken the conceptual project „Vertical Street / City“ that has become a finalist of eVolo skyscraper competition 2010. Short flight across „Vertical Street / City“ will show you the visual story about the community that inhabits this skyscraper.

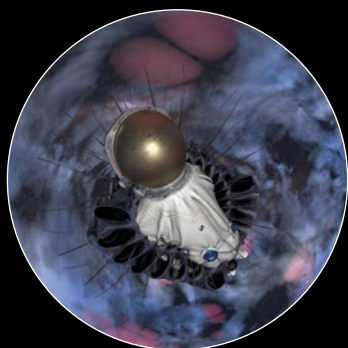


VESTIGE

Aaron Bradbury, NSC Creative, UK (13 min)

Friday

VESTIGE is an immersive documentary that uses volumetric capture to take the viewer on a journey into the mind of Lisa as she remembers her lost love. Within an empty void, fragments of past memories appear of their life together and eventually lead us to the shocking moment of Erik's death. Originally produced as a real-time, room-scale 6DOF VR experience the fulldome video adaptation captures the beauty and intimacy of the experience and shares it with the whole audience under the dome.



VISIT

Sean Caruso, Societ  des Arts Technologiques, Canada (5 min)

Thursday

An ordinary astronaut, on an extraordinary space-walk. VISIT is a fulldome short-film questioning cinematic aspects and techniques in group immersion including guiding the audience, transitions between points of view and figurative animation vs complete abstraction while adhering to a flowing narrative through the immersive imagery and soundscapes. This one-month production challenge was realized by artists Sean Caruso & Mourad Bennacer.



WATERDOME

**Michael Gamböck / Augsburg Planetarium,
Germany (15 min)**

Thursday

Waterdome is an audiovisual symphony for planetariums, which has been produced for the media art festival lab30 in Augsburg. The fulldome show is screening in the planetarium Augsburg. sounds represent the theme water, that will show in different colors, fascinating perspectives and especially in its movement. You will refind Augsburgs historic water management as well as the current global situation on our planet.



WELCOME TO THE YOUNIVERSE

**Florian Froger, Thomas Fritzsche,
Mohammad Jaradat, Astronomisches Zen-
trum Gera e.V (16 min)**

Friday

With your thumb to science, a fantastic 360° journey through your smartphone, awakening vocational orientation, creating interest and giving the pupils an outlook on what they can achieve with them. But how do you guide the thumb-moving smartphone generation through the planetarium without murmuring? Clearly! With a story in a relaxed and youth-friendly way about a smartphone, which leads right through this fascinating technology.



Fulldome World Premiere

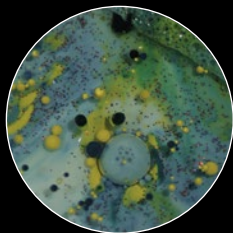
YOUDOME ICELAND

Jakob Laugs, jokerproducts, Germany (15 min)

Saturday

A short film about my trip to Iceland. A mix of atmospheric images and my personal experiences, arranged with monologue and music. Also, the experiment focused on the question of V-Log format for fulldome. Audio edit and music by Nils Anders.

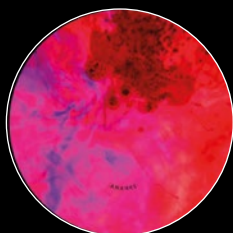




5 MINUTEN TOD

**Jenny Elisabeth Kleine, Martin-Luther-Universität
Halle-Wittenberg (5 min)**

Was passiert mit unserem Körper, wenn wir sterben? In unserem Kurzfilm visualisieren wir die biologischen Phasen des Todes: Totenflecken, Leichenstarre, Autolyse, Fäulnis und Verwesung. Jene Phasen wurden von uns ästhetisch realisiert und abstrakt dargestellt. Der Film besteht auf der auditiven Ebene aus gesprochenen Fragmenten von Juliane Uhl, die sich in ihrem Beruf mit Tod beschäftigt und unseren Bildern ihre Worte leiht.



ANANKE

**Diana Rivas & Maria Camila Muñoz, Hochschule
Darmstadt (4 min)**

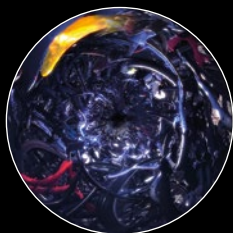
This full-dome movie exposes an environment deciphered and constructed by our senses. It's an abstract journey through sensations that are.



ÄÜ,Ä¶ (TUDO DESCONEJO)

**Sarah Pacheco Alvim, Bauhaus-Universität
Weimar (5 min)**

The phenomenological human - as the opposite of the rationally constructed world of form, color and light - develops its speech in a poem written in symbols and three languages while trying to be none. The Bauhaus stage will no longer be muted as words attempt to disconnect from literature, deconstructing all form and reaching to be perceived as an unpredictable event, sometimes meaningful, sometimes not.



AUS DEM ALLTÄGLICHEN

**Anca Tutescu, Anton Jehle, Jan Rosenbauer & Marcel Kwapich, HAW Hamburg & Planetarium
Hamburg (10 min)**

The Alarm clock tears me back to reality. I lie motionless, in front of the day, predictable like day and night. My eyes closed see, how everything rearranges.



BANG!

**Juan Pablo Pedraza & Alejandro Weyler, Bauhaus
Universität Weimar (5 min)**

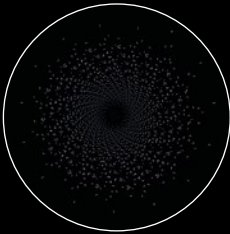
This is a short animated film based on the account by Bauhaus student Ré Soupault of Paul Klee's painting class.



CELLO CONCRETE

Max Gausepohl, HAW Hamburg (8 min)

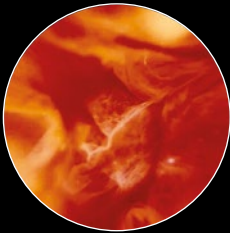
vibration and suspension,
friction, dissonance and harmony:
collages from cellosounds.



DÄMMERUNG

**Mirella Frenzel, HAW Hamburg & Planetarium
Hamburg (5 min)**

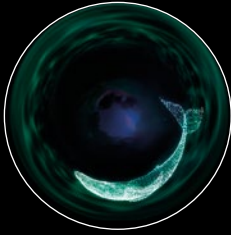
The straightened hours of the night. The clocked events on the day.
And the time in between where everything changes.



GENESE

Diana Stoll, HAW Hamburg & Planetarium Hamburg (3 min)

The viewers will be submerged in an experience in which they will find an abstract world fabricated based on the humpback whales' songs. This project was the winner to an Open call for the stimulus for art and culture of Medellin's mayoralty and its city culture secretariat.



HEARTBEATS OF THE SEA

Maria Camila Muñoz, Diego Pérez, Ana Carolina Naranjo and Juan David Aranzazu (6 min)

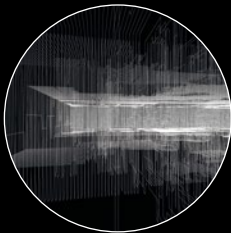
This full-dome video seeks to recreate and represent the universe of the humpback whale, all the while trying to sensitize around their heartbeats and songs.



I AM NOT WHO YOU THINK I AM

Safaa Mahmoud, Hochschule Darmstadt (3 min)

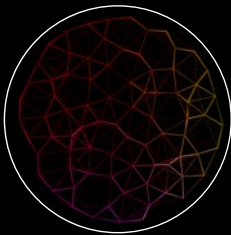
This film shows a conflict of identity between the ways in which a person perceives himself/herself. It is the story of a single person who lives a double life, an inner and an outer one. It is an abstract reflection, where thoughts appear in the form of visual expressions of their own self-image. She leaves her inner-self at home, her own safe place where she can express herself freely. Meanwhile, her outer-self walks around through public space.



LATENT SPACE

Marian Essl, University of Applied Arts Vienna (5 min)

In Latent Space, fine lines weave virtual spaces around the viewers. The architecture that manifests is highly fragile — the space grows, shrinks, collapses. The acoustic dimension is also deeply spatial — slowly morphing soundscapes float around the dome, enveloping the observers in sound and image. The omnipresence of the virtual realm is transposed into the physical space of the dome to unmask the often proclaimed boundlessness of digital space.



LIVING STRUCTURES

Johannes Ott, HAW Hamburg (5 min)

The nature that surrounds us is a perpetually changing system, oscillating between organized and unorganized states. Let's give up control and observe how simple equations create living structures in our perception, in the ever-changing fluctuations between chaos and order...



NOT A NIGHTMARE

Diego Arandia, Hochschule Darmstadt (4 min)

Not a Nightmare is a fulldome composition that aims to show the emotional consequences of sexual harassment on the feet of a victim, who experiences it as a real nightmare. The video has a realistic and surrealistic narrative, but we focus on the psychological experience. In the story, a woman is surrounded, harassed and threatened by a group of men, but there is no crime or physical damage, but that does not mean there is no harm at all because this type of action "hurtless" is traumatically experienced for women.



OPHTHALMA AND THE TRANSFORMED I'S

Maria Lopez Valdez, Bauhaus-Universität Weimar (5min)

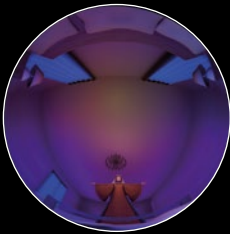
Ophthalma and the Transformed I's is an animation project that delves into the fear of being seen. The main protagonist Ophthalma gets lost in the chaos of the eyes and is taken for a ride. Ophthalma physically goes through her emotions and gets pulled apart in order to piece herself back together.



ORIGIN UNKNOWN

Jannik Schießwohl, HAW Hamburg & Planetarium Hamburg (4 min)

Earth, our terrestrial body, as a particle on the skull of a bald giant.



S IS FOR EPISODE

Jing Augusto-Wüthrich, Bauhaus-Universität Weimar (5 min)

Hallucinatory experiences of schizophrenic subjects can never be captured by a film camera. With the indexicality to sound, the only way to visualise these inner experiences is through animation. The visualizations provide us hints of what they see, what they hear, what they feel. It brings us inside a reality so different from ours. This documentary is based on an actual audio interview footage of a schizophrenic patient describing her hallucinatory phases. An Immersive Media Experimental.



SEED

Maximiliane Nirschl & Vanessa Zuber, Bauhaus-Universität Weimar, Hochschule für Musik FRANZ LISZT (4 min)

Like seeds from trees, paperkite-like, colorful creatures are falling into an inspiring world rich in form and color. A dancer enters the dome. She looks around to take in the scene and then begins to interact with one of the KITES through her movements, guides and transforms it. The fusion of analogue dance and digital animation tells the story of the "birth of an idea" on a symbolic level, its partially destructive development and maturation process, up to its entry into the material reality.



SIN

Lola Morel, Hochschule Darmstadt (4 min)

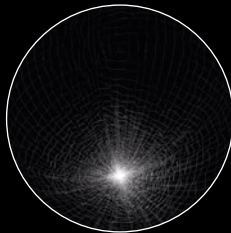
The concept of our Fulldome movie «SinS - Sounds in Silence» works with a 3D audio Production created by Wiebke Brand, Louisa Hügel and Lola Morel. This is a sort of psychological thriller following a killer having a walk in the woods. The story is up to different interpretations, the ending leaves place for doubts.



SONIFICATION OF HAUS AM HORN

Alejandro Weyler & Anastasiia Nakaliuzhna, Bauhaus-Universität Weimar (4:30 min)

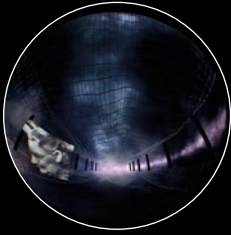
What does the first icon of Bauhaus architecture sound like? The archetypal Haus am Horn has been digitized — its streamlined forms, structure and dimensions translated into data in order to convey its spatial qualities in an immersive burst of sound, complemented by a vibrant animation.



SOUND OF CHANGES - ZECHE NACHTIGALL

Henning Großmann, Fachhochschule Dortmund (5 min)

Das Stück „Sound of Changes - Zeche Nachtigall“ beschäftigt sich mit dem Leid der Bergleute. Häufig wird im Ruhrgebiet die Arbeit unter Tage romantisiert. Oftmals werden dabei die lebensfeindlichen und menschenunwürdigen Bedingungen außer Acht gelassen. Um eine andere Perspektive auf die Nostalgie einzunehmen, stehen bei dem Werk die Tragödien im Vordergrund.



SOUND OF CHANGES ZECHE BOCHOLT **Jan Schulten Fachhochschule Dortmund (5 min)**

Zusammen mit dem LWL Museum und der FH Dortmund entstand dieses Projekt, welches von der Geschichte des Textilwerks Bocholt handelt. Dieses Video ist der letzte Teil der Reihe Sound of Changes. Der Fokus lag vor allem in der klanglichen Entstehungsgeschichte des Textilwerks im letzten Jahrhunderts. Mein Stück beginnt circa 1900 und den ersten Zeichen der Industrialisierung werden hörbar, diese werden dann stark gesteigert, bis hin zur Bombardierung des Textilwerks.



THE DOME IS THE MAESTRO - A CIRQUE DU BAUHAUS MUSIC VISUALIZATION **Pedro Rodolpho Ramos Camargo,** **Bauhaus-Universität Weimar (5 min)**

Visual Music. The development of artistic languages to connect the realms of Visual and Sound Arts has been a life-long practice for artists throughout the 20th Century and onwards. Tracing back to the legacy of visual pioneers like Mary Ellen Bute and Oskar Fischinger, the music visualization of the CIRQUE DU BAUHAUS Main Theme, composed by Acácio Piedade, is a contemporary exploration on the possibilities of Full Dome Production as a Music Theater - where the dome itself is the maestro.



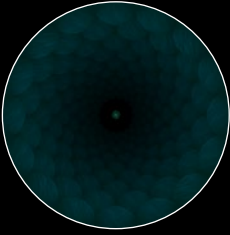
THE FISHERMEN **Robert Daniel, Hochschule Ruhr West (3 min)**

This combination of real footage and animation takes us to the seaside. We accompany a lonely fisherman catching fish before leaving for his village.



TOPOGRAPHIE **Evgeniya Snegovskaya, HAW Hamburg (7 min)**

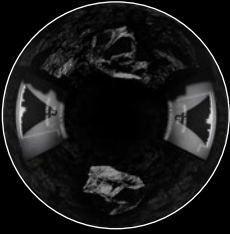
Crispbread and wasteland.
Closeness and distance.
A try to relate the confidante with the unknown scales.



VOLATIL

Baptiste Tassel, HAW Hamburg (5 min)

A student film by Ramin Wuttke, Konstantinas Grigalaitis, Xuecong Chen and Baptiste Tassel. Digital and handdrawn animation. Students from Illustration, Communication Design, and Sounddesign create an audio-visual piece for "Equinox". Volatil's theme is the passing of winter and the blossoming of spring. A short moment in the equilibrium awakes sleeping forces.



ZECHE ZOLLERN

Klaus Willig, Fachhochschule Dortmund (4 min)

Experimental fulldome animation and sound design, implemented with found footage about historical coal mining on the example of the Zeche Zollern in Dortmund.

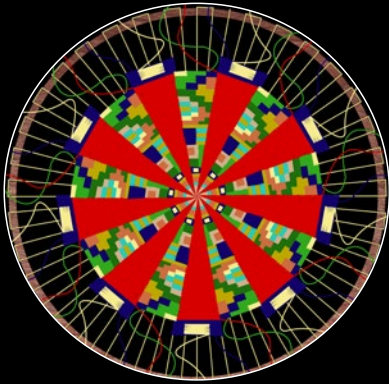
**ALL STUDENT FILMS WILL BE SHOWN DURING THE
STUDENT NIGHT**

Friday, 7pm - 9.30pm

EVENING EVENTS

live

CIRQUE DU BAUHAUS – 360 DEGREE IMMERSIVE MUSIC THEATER
Wednesday, 7:00 pm & Sunday 8:00pm



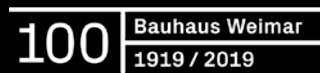
The »Cirque du Bauhaus« opens its gates and presents a mind-blowing combination of digital 360° projection, live orchestra music, theater and performance art. Inside of a virtual circus tent with the size of the Planetarium's dome the show contributes greatly to the Bauhaus centenary and not only talks about classic Bauhaus-topics but continues the Bauhaus-legacy with new media. Works by students and media artists merge with the sounds of the »Cirque du Bauhaus«-Orchestra, which was founded especially for this particular show.

Look forward to experiencing a spectacle with guest star and entertainer Andreas Max Martin, the »Cirque du Bauhaus«-Orchestra comprised of twelve musicians playing original compositions by Prof. Acácio Piedade, several interactive »Kunstfiguren« inspired by Oskar Schlemmer, a dancer with a costume made out of light and many more surprises.

The idea to bring the Bauhaus into a circus tent and stage it in a 360° space was explored during the Bauhaus.Semester 2018/19, initiated by the director of the Bauhaus-Universität Weimar. The project was guided by Prof. Dr. Tiago de Oliveira Pinto (HfM, UNESCO »Transcultural Music Studies«) and Prof. Micky Remann (Bauhaus-Universität Weimar, »Immersive Media«) as well as the contract-teacher Liese Endler (Media artist Bauhaus-Universität Weimar) and asked students from both universities to tell the story of the fictitious »Cirque du Bauhaus« with visual and auditive episodes

Under the dome of the »Cirque du Bauhaus«, virtual figures will meet real ones, historic references clash with futuristic visions, dreams, nightmares and orchestral music to form a Gesamtkunstwerk in 360 degrees. The concept of the show emerged from the cooperation of Hochschule für Musik FRANZ LISZT and Bauhaus-Universität Weimar due to an invitation of the FullDome Festival Foundation, which is also the organizer of the 13th FullDome Festival.

**The project is made possible thanks to the friendly support of
Thüringer Staatskanzlei (100 Jahre Bauhaus) &
Kulturstiftung des Freistaates Thüringen.**



LIVE DOME SHOW, 360 VJ/DJ NIGHT
Thursday, 10:00 pm

Let the new heroes of immersive visual music surprise you!

DJ:
BITVMEN (Ridmik/ Weimar)
fevela (Bio Tobt/Jena)

VJ:
Conzum



DOUBLE FEATURE DOME SHOW. SPHERE/ DELHIA DE FRANCE
Friday, 10:00 pm

This very special night program opens with singer-artist extraordinaire Delhia De France, www.delhiadefrance.com.

Followed by award-winning German composer Robot Koch with visual artist Mickael Le Goff presenting SPHERE, an audiovisual show designed for planetariums, currently exciting the world of immersive art.

DELHIA DE FRANCE



SPHERE



AWARD GALA

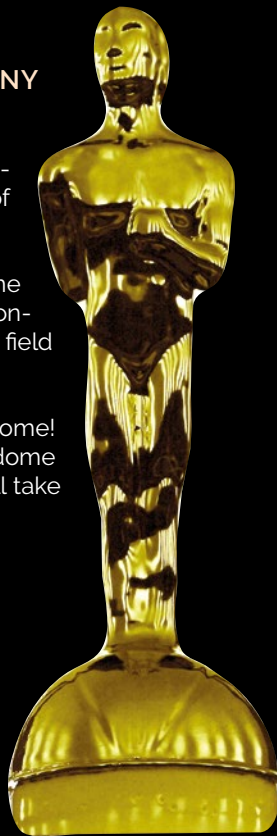
FESTIVAL GALA: JANUS-AWARD CEREMONY

Saturday, 7:00 pm

Excitement grows when the winners of the prestigious JANUS-Awards are revealed at the last night of the festival.

You won't find a better patron saint for the fulldome genre than Janus, the double-faced Roman god conveniently equipped with a 360-degree all-surround field of view.

Be like Janus and you'll never miss a thing in the dome! That's why the Jena Festival awards excellent fulldome productions with a precious JANUS statue. Who will take home one of the precious statues this year...!?



UNITED VJ'S

Saturday, 9:00 pm

"We are for the Arts and the evolution of man and womankind through unique multimedia sensory experiences. We create a new kind of media art without the distinctions that raise barriers between technology and the artists! Let us wish, craft and crack the new media."



**FRAMELESS
FORUM**

THURSDAY
MAY 23**10:00****Welcome to day one of the Festival****Jena Festival Team**

The 13th Jena FullDome Festival. What's new in 2019? Introducing theme and team, festival jury, JANUS-Awards, logistics, program preview. And asking, what Echoes of the Unknown might tell us?

Development of interactive tools for live-moderation in the small Planetarium.**Mechthild Meinike, Planetarium Merseburg**

Report from a practical project, involving school, university and the www.planetarium-merseburg.de

Experimental use of Smartphones for Fulldome Movies**Claire Dorweiler, Diego Arandia**

Capturing Footage in Dome-Master format is still not as spontaneous as filming with regular cameras. But why? With improved resolution of smartphone cameras it is possible to film 360-degree content and project the result in a Dome. Diego Arandia explores the use of smartphones to facilitate flexible recording, editing and preview of fulldome movies.

If you can't get out of immersion...**Jing Augusto-Wüthrich**

Experiences and reflections of portraying a person with schizophrenia in an animated fulldome documentary film. Jing Augusto-Wüthrich's discusses her film "S is for episode".

Short break**Sensual Immersion****Maren Kießling / Jakob Laugs**

We focus on the aesthetics for live-action film in fulldome, especially, live-action in sensual art. It's not only a question of composition and light that matters to trigger deep inner feelings. We take a look into the history of erotic film, think about erotic aesthetics in fulldome and future cinema. In the future, will there be a chip in your brain to trigger your sexual feelings? And more to talk and think about...

(15 min film / 15 min Q&A)

THURSDAY

MAY 23

Welcome to the TV-Dome

Stephan Witthöft / Mohammad Jaradat

Salve.tv has created and applied pioneering live interactive 360-degree streaming solutions for VR, mobile devices, computer and regular TV.

FRIDAY

MAY 25

10:00

Welcome to day two of the festival

Logistics & preview. Today's Frameless Forum focus is on Sound!

Compatibility of Immersive Sound Productions (IDMT)

René Rodigast

Im Projektions -und VR/AR Bereich existieren diverse Standardformate und proprietäre Varianten zur immersiven akustischen Darstellung von Schallereignissen. Mit objektbasierten Methoden zur akustischen Darstellung und mit flexiblen und hybriden Soundsystemen existiert die Möglichkeit der Kompatibilität sowohl für Kuppeln oder Standardräume als auch für VR/AR/MR Anwendungen. https://www.idmt.fraunhofer.de/en/rene_rodigast.html

New Spatial Audio Designer Processor

Tom Ammermann

Presentation of a new hardware render system, installed in the Science Dome of Experimenta in Heilbronn
<https://newaudiotechnology.com/>
Short break

The ORTV 360-microphone in action.

Tobias Hahn

Presentation of a real time audio recording microphone. Tobias presents "the art of sound" at <https://dynamedion.com/>, specialized in 3D-Surround recording, composition and application for multi-channel audio systems in domes or live-performances.

FRIDAY
MAY 24**A Musician's Exploration of the Genre of Immersive Music Theatre.****Vanessa Zuber**

Practicing musician and singer Vanessa Zuber of the Franz Lizst Music University not only performs in the Cirque du Bauhaus show, she also works on the theoretical back-ground of immersion in live music shows

The Wizards of VIOSO**Raul Vandenberg / Lisa Aenstoots**

Talking about current projects that illustrate how a former start up can find a place in the circuit of worldwide dome & VR, art & technology projects. www.vioso.com

SATURDAY
MAY 25**10:00****Welcome to day Three. Logistics, program preview.****Fulldomedia****Mathias Rode**

Eight years ago the "fulldomedia gmbh" hit the road to provide mobile planetarium shows in an inflatable dome to various schools around Germany. This is our main focus but we do so much more!- Learn who we are, what we do, why we support the festival, a small clip taken during "Alemmanische Fastnacht" and how we simulate the Apollo-11-mission in a 3m-projection screen. The focus of this presentation will be the new non-profit-project that consists of the idea to bring content concerning climate change into the dome for schools.

SATURDAY
MAY 25

The Domecrazy talk

Pedro Zaz

Pedro and the United VJs will perform the #domecrazy live show at the Jena dome later that day. Pedro also has a lot to say about #sphericalrevolution and #vjuniversity. Get a preview in his tv-dome talk: <http://www.salve.tv/tv/Salve/19734/Welcome-to-the-TV-Dome:-Pedro-Zaz>

Short break

The making of SPHERE

Robert Koch / Mickael Le Goff

Award-winning German composer Robot Koch has teamed up with visual artist Mickael Le Goff to create SPHERE, an audiovisual show designed for planetariums, currently exciting the world of immersive art. They'll talk about the creative process behind the show. <https://vimeo.com/291869089>

CETACEA – Dreaming the Dolphin Dome

Lawrence Curtis

When Lawrence is not immersed in the water, he is immersed in Fulldome production. CETACEA is a 360° full dome, 3D sound, immersive theatre project that, will, not only serve as a center for learning, but present audiences unique experiences of how whales and dolphins live in an acoustic, aquatic world. <https://www.facebook.com/CETACEA-191748967946/>

Q/A & Lost and Found



**PROGRAM
AT A GLANCE**

PROGRAM AT A GLANCE

DOME (Planetarium)

LOUNGE (Bauersfeld)

WEDNESDAY, MAY 22

19:00 **CIRQUE DU BAUHAUS - 360 Degree Immersive Music Theater**

22:00 **Premiere Party**

THURSDAY, MAY 23

10:00 »Welcome to the festival. What's new in 2019?«
 »Development of interactive tools for live-moderation «
 »Experimental Use of Smartphones for Fulldome Movies «
 »If you can't get out of immersion... «
 »Sensual Immersion «
 »Welcome to the TV-Dome «

13:00 **Lunch break**

14:00 **Capcom Go - The Apollo Story**

 Visit & Primitive & PMR

15:00 **Destination Mars**

 Checking up On Einstein & Toni Burghart

16:00 **Our Violent Planet**

 Climate Crimes & Sonolum

17:00 **Cosmos Odysee**

 Waterdome

17:30 **The Embrace of the Ocean**

18:00 **Dinner break**

19:00 **Monbase One**

 Holosence & Sensual Immersion

20:00 **Free Fall**

 Immersive & Bergholter

21:00 **Nachtflug**

22:00 **Live Dome Show: 360 VJ/DJ Night**

- The exact schedule may vary -

PROGRAM AT A GLANCE

FRIDAY, MAY 24

- 10:00** »Welcome! Today's Frameless Forum focus is on Sound! «
 »Compatibility of Immersive Sound Productions«
 »New Spatial Audio Designer Processor «
 »The ORTV 360-microphone in action. «
 »A Musician's Exploration of the Genre of Immersive Music Theatre «
 »The Wizards of VIOSO«
- 13:00** **Lunch Break**
- 14:00** Arabian Nights
 Precurso & Welcome to the Youniverse
- 15:00** Particle Wave
 Vestige
- 16:00** Mexica Archeoastronomy: Between Space and Time
 The Great Waka
- 16.30** Imagine the Moon
 Hadron
- 17.00** Mars 1001
 Between Heaven and Earth
- 18:00** **Dinner Break**
- 19:00** Student Night
- 22:00** Double Feature Live Dome Show:
 SPHERE / DELHIA DE FRANCE

PROGRAM AT A GLANCE

SATURDAY, MAY 25

10:00 »Welcome to Day Three«
»Schulplanetarium«
»Domecrazy«
»Sphere«
»Cetacea Dome«
»Q & A / Lost & Found«

12:00 **Lunch Break**

13:00 Minnesota in the Cosmos
America West & Youdome Iceland
14:00 Voyager: The Never Ending Story
Mission Astronaut & Reach for the Stars
15:00 Sky Tour
Urban Lavitation & Vertical Street City
16:00 Ningaloo: Australias Other Great Reef
Aquqfloat & Circle Circus
17:00 Exo
Glow

18:00 **Dinner Break**

19:00 Festival Gal: Janus-Award Ceremony
21:00 United VJ's Dome special

SUNDAY, MAY 26

20.00 CIRQUE DU BAUHAUS - 360 Degree Immersive Music Theater

- The exact schedule may vary -

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See you at the 14th FullDome Festival from 13th - 16th of May 2020