

www.fulldome-festival.de
eventbase: FullDome Festival



fulldomefestival 2015
ROMANTIC CIRCLES

28th – 30th May 2015

Opening: 27th May 7:00 pm
Hotel zur Blauen Blume

PROGRAM

EDITORIAL

Number Nine

Did Beethoven have the 9th Jena FullDome Festival in mind when he composed his 9th symphony? Yes, we like to think so. Why else would he include in the final movement the "Ode to Joy", written by poet Friedrich Schiller, who lived and worked in Jena?

*Freude, schöner Götterfunken
Tochter aus Elysium,
Wir betreten feuertrunken,
Himmlische, dein Heiligtum!*

*Joy, beautiful spark of divinity,
Daughter from Elysium,
We enter, burning with fervour,
Heavenly being, your sanctuary!*

The Jena Planetarium sanctuary is younger than Beethoven, but much older than most of us; in fact, its precursor dome on the roof-top of Zeiss factory opened in 1924, one-hundred years after the 9th symphony was composed. Now, in May 2015 it is the place for sounding out the future and showcasing cool fulldome productions, presenting new approaches and tools to advance 360-degree immersive multimedia and for discussion of the genre in scientific as well as romantic circles.

Enjoying the company of kindred spirits and spirited people, finding support for collaborative efforts across various styles and disciplines – there are many reasons that make visiting the festival attractive for Daughters and Sons from Elysium and their quest to immerse in starry Götterfunken.

When in doubt, study this brochure for details.

In short: dear visitors from far and near, friends and delegates, students and professionals, artists and planetarium activists in the growing field of 360-degree immersion – cheers and welcome to the 9th FullDome Festival!

With gratitude,
The FullDome Festival Directors



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AWARDEES

2014

JANUS Awardees

The Janus FullDome Awards have been presented to seven out of 97 FullDome Festival contributions eligible for awards.

Creative Award

Tim Seger, Hochschule für Gestaltung Offenbach, for the student contribution »BEAT«

Performance Award

Flávio Bezerra, Eduard Tucholka, Laura Saenger, Hochschule für Bildende Künste Braunschweig, for the student contribution »UM MENINO«

Audience Award

Robert Becker, Fachhochschule Potsdam, for the student contribution »Die Wandertrommel« (Zeotrope)

Emphasis on Emotion Award

Tingwen Liao, Ziqi Peng, Qing Wang, Baining Ku, Cheng Gu, Tongji University Shanghai, for the student contribution »Nightmare«,

Altered Mind Award

André Wünsch, Lawrence Curtis, Mark Fischer, Micky Remann, for the short film »ECHOLOCATION«

Directors Award

Markus Schäfer, the content dome, Hamburg, for the show »TABALUGA und die Zeichen der Zeit«

Directors Award

NSC Creative for Google Lunar XPRIZE, Leicester, for the show »Back to the Moon for Good«

Spatial Sound Awardees

Stefan Berke, Jan Zehn, Ten Art Communications Jena, for the short film »From the Jungle to the Stars«

Christian Öhl, Hochschule für Gestaltung Offenbach for the student contribution »Handmade«

Honorable Mentions

"In recognition of being a close contestant to 'the Emphasis on Emotion Award'"

Kortney Luby, Ringling College of Art and Design, Sarasota for the student contribution »I Know What I Am«

"In recognition of skillful, playful and educative use of the dome for kids"

Ralph Heinsohn, Hamburg, for the short film »Frida und der Wald«

"In recognition of a well told, professionally visualized trajectory into the future"
NSC Creative for Schindler Ltd., Leicester for the short film »Tomorrow Town«

"Best in Science Visualization"

American Museum of Natural History, New York, for the full-length feature show »Dark Universe«

"In recognition of a low-key cinematic story telling by means of live shooting for fulldome"

Mark Lwoff, Misha Jaari, Bufo, Helsinki for the short film »Kilpisjärvellä«

FESTIVAL 2016

FRAMELESS FRENZY!

Remember the paleolithic era? That's when we artists and audiences alike were surrounded by works of visual wonder. Crawling or dancing through cavernous spaces, we were ready to lose our sense of direction while being lured to and by strange and beautiful sights and sounds; stars, birds and buffaloes above and below, to the right and to the left, all alive in a ghostly manner. The age of immersive paintings in rough and dripping caves was the primordial heyday of Frameless Frenzy!

Then came the dark ages. This was a time of caged images - a time of broadening distance between vision and viewer: the frame age!

Today, media consumers and producers are still hypnotized by the frame, believing that flat rectangular screens are a primary legitimate format for visual display of any kind. Part of the hypnosis is a failure in discovering the change that has come with 360-degree immersive spaces, from digital Planetariums to fulldome theatres and the integration of virtual reality devices.

This news won't be kept in the dark for long: We are at the brink of an iconic shift from frame to sphere. A time of liberated images, of expanded mind and cinema which prophets have seen coming for some time:

"When we say expanded cinema we actually mean expanded consciousness. Expanded cinema does not mean computer films, video phosphors, atomic light, or spherical projections. Expanded cinema isn't a movie at all: like life's a process of becoming, man's ongoing historical drive to manifest his consciousness outside of his mind, in front of his eyes." (Gene Youngblood, 1970)

360 degree audio visual entertainment is a fertile medium for discovery beyond old restrictions. The producers and creators of fulldome experiences are ready to break the frame.

Save the date as we celebrate **Frameless Frenzy** and continue to showcase pioneering works at the 10th FullDome Festival May 26th.-28th. 2016 at the Zeiss-Planetarium Jena.



JURY 2015

Introducing the 2015 FullDome Festival Jury

We are honored to introduce five individuals who have agreed to donate their time and expertise to review fulldome shows eligible for an award in the 2015 contest. The jury works independently of the festival organizers and any company or institution. The jury members decide which contribution deserves the JANUS Award along with prize money and certificate. All award winners will be announced at the Festival Gala on May 30th.

LAWRENCE CURTIS



Conservation, underwater cinematographer and filmmaker based in Florida, USA. His passion and focus is on creating and producing unique projects for immersive theaters.

SHAWN LAATSCH



Planetarium Director for the Infoversum in Groningen, The Netherlands. He implemented the world's first stereo 3D Digital Planetarium and is President Elect for the International Planetarium Society.

BERND VORJANS



Director of JenaKultur, the umbrella for the city of Jena's many cultural institutions. It includes coordination of this year's special theme "Romanticism. Light. Eternity."

CHRISTIAN HOLTZHAUER



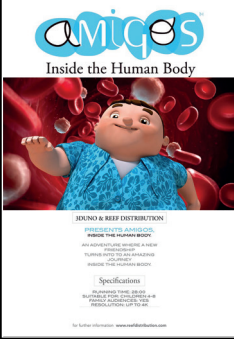
Artistic Director of the Kunstfest Weimar Arts Festival. He studied theatre science in Berlin and Toronto.

SUSANNE HÜTTEMEISTER



Director of the Zeiss-Planetarium Bochum, Germany, and Professor of Astronomy at the Ruhr-University Bochum.





SATURDAY
Screening Block G
1:00-3:00 pm

AMIGOS - INSIDE THE HUMAN BODY
3Duno (28 min)

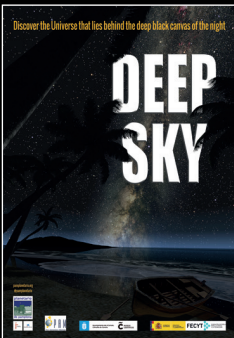
"Amigos" is an incredible journey to the inside of the human body, where the audience will not only learn what the different parts of the body are and where they are situated. Three children and a dog: After a mysterious meeting that will unite them forever, and with the help of a wonderful invention, "The Virtual Reality Room", that will guide them through learning first-hand about the incredible machine that is the human body, they will learn from the inside how the sense of sight works, about the brain, how our body is fed by oxygen, about the heart's mechanics and our digestive system. They will also have to help the body to fight off an invader, Viron, who will try to provoke bad illnesses and finish them off as well.



SATURDAY
Screening Block J
5:30-7:00 pm

DEEN AL QAYYIMA
NSC Creative (25 min)

NSC Creative commissioned for Sharjah Centre for Astronomy and Space Sciences. "Deen al Qayyima" is a dramatic and innovative new film by NSC Creative that unites science, religion and history under one dome. The vision and overall concept is by His Highness Dr. Sultan bin Mohamed Al-Qasimi. The story follows the origin of Islam and the key events in the life of the Prophet by setting the text of the Qur'an alongside the latest immersive space and historical visualisation. Explicit care has been taken to observe and respect the traditions of Islam. Screening in Arabic.



THURSDAY
Screening Block F
5:30-7:00 pm

DEEP SKY
Planetarium of Pamplona (30 min)

Deep sky is a tribute to one of the most acclaimed science television series: Cosmos. It is also a tribute to amateur astronomers who night after night go out with their telescopes just for the pure pleasure of observing the Universe and marvel at the vast amount of deep sky objects that appear in the eye of their instruments. The music of the Romantic composer John Field also has its protagonist moment in this documentary that seeks the interaction between scientific information and personal enjoyment through images and music that surround us. Come and see, enjoy all we have discovered in our deep sky.



THURSDAY
Screening Block C
5:30-7:00 pm

DEEP SPACE
Techmania Science Center, Plzeň (50 min)

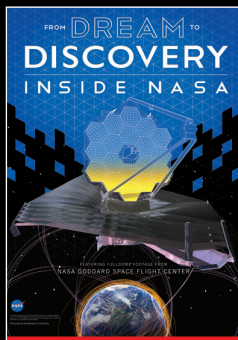
Join us on a captivating journey outside the confines of space and time, to the very edge of the universe as we know it. Along the way, we will show you well-known objects, e.g. Venus and the asteroids and comets in our solar system, as well as some lesser-known objects, such as our nearest stellar neighbours. We will explore their planets and the conditions for life that they may offer. Then, we will journey through the beauties of our galaxy, our galactic neighbours, and all the way to the very edge of the known universe.



THURSDAY
Screening Block B
3:30-5:00 pm

DISCOVER THE STARS
Bays Mountain Productions, Kingsport TN (23 min)

On a clear, dark night, most of us, at one time or another, have gazed upon the stars and wondered about all those tiny points of light. Many of us are able to identify different patterns and constellations in the stars. But, what are those tiny points of light? This exciting program takes viewers deep into a giant molecular cloud to witness the birth of a new star and explores the different ways that stars end their lives and the astronomical wonders that are left behind. Go beyond a simple observation of the night sky and discover the fascinating lives of stars.



SATURDAY
Screening Block H
3:30-5:00 pm

FROM DREAM TO DISCOVERY
Charles Hayden Planetarium, Museum of Science, Boston (30 min)

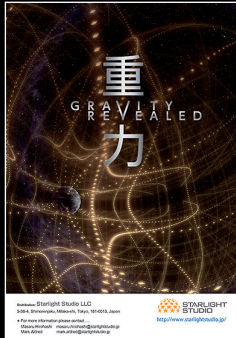
"From Dream to Discovery" immerses you in the adventure and extreme nature of spacecraft engineering – from design and construction of missions like the James Webb Space Telescope and New Horizons, to the rigours of testing, launch and space operations. For every astonishing mission flung out into space, there are thousands of men and women back on Earth whose ingenuity helped make it a reality.



FRIDAY
Screening Block E
3:30-5:00 pm

GEHEIMNIS DUNKLE MATERIE Volkssternwarte Laupheim (40 min)

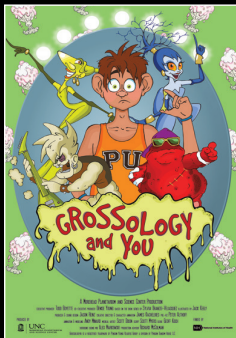
What is it, that our world consists of? That question excites us as long as anyone can remember – but we haven't found the answer yet, because about one quarter of the universe consists of Dark Matter. We know it is there, but we do not know what it consists of. For this show, full-dome time-lapse videos were recorded at the CERN (Genf) and in the underground lab in Gran Sasso. The author of the show is Professor Rafael Lang, who searches for Dark Matter for the Purdue University, Indiana, USA. Screening in German.



FRIDAY
Screening Block E
3:30-5:00 pm

GRAVITY REVEALED Starlight Studio, Tokyo (25 min)

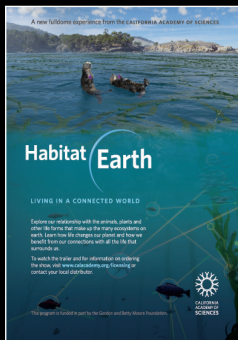
It has been more than a hundred years since the discovery of general relativity, but gravity is still widely misunderstood as the pull of the Earth, or as a mysterious attraction across distances. In "Gravity Revealed" we attempt to replace this mistaken belief with the correct version – gravity is the direct result of warped space-time.



SATURDAY
Screening Block G
1:00-3:00 pm

GROSSOLOGY AND YOU Morehead Planetarium, Chapel Hill NC (27 min)

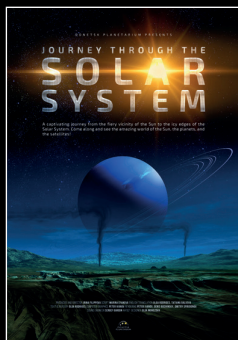
Based on the Grossology series by Sylvia Branzei and Jack Keely. Join Noreen Neuron, host of the "Personal Universe" game show, as she leads us through a competition to decide which body system is the best and brightest. Will it be Scabby (the immune system), Boogie (the respiratory system) or Flatus (the digestive system)? Laugh and learn as these animated characters explore the inner workings of the human body!



FRIDAY
Screening Block F
5:30-7:00 pm

HABITAT EARTH
California Academy of Sciences,
San Francisco, CA (25 min)

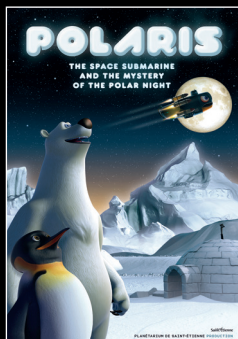
Living networks connect and support life forms large and small – from colonies of tiny microbes and populations of massive whales to ever-expanding human societies. In the California Academy of Sciences' latest original planetarium show, Habitat Earth, discover what it means to live in today's connected world. Through stunning visualizations of the natural world, dive below the ocean's surface to explore the dynamic relationships found in kelp forest ecosystems, travel beneath the forest floor to see how Earth's tallest trees rely on tiny fungi to survive, and journey to new heights to witness the intricate intersection between human and ecological networks.



THURSDAY
Screening Block B
3:30-5:00 pm

JOURNEY THROUGH THE SOLAR SYSTEM
Donetsk Planetarium (47 min)

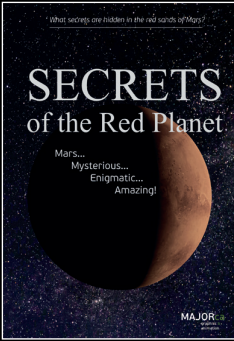
A captivating journey from the fiery vicinity of the Sun to the icy edges of the Solar System. Come along and see the amazing world of the Sun, the planets, and the satellites!



FRIDAY
Screening Block D
1:00-3:00 pm

**POLARIS –
THE SPACE SUBMARINE AND THE MYSTERY OF THE POLAR NIGHT**
Planétarium de Saint-Etienne (30 min)

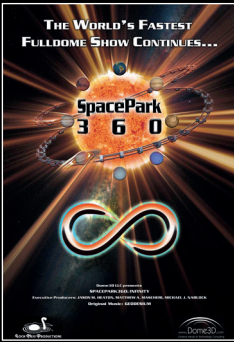
James, a penguin from the South Pole, and Vladimir, a bear from the North Pole wonder why the night is so long at their homes. Trying to solve this mystery, their adventure leads them to build an observatory and to travel around the Earth, Mars and Saturn. Polaris is a playful story combining pedagogy and astonishing effects. Addressing concepts such as the tilt of the Earth's axis, planetary types and ice in the solar system, the show also introduces key elements of the scientific method.



THURSDAY
Screening Block C
5:30-7:00 pm

SECRETS OF THE RED PLANET
Majorca, supported by the Moscow
Planetarium (27 min)

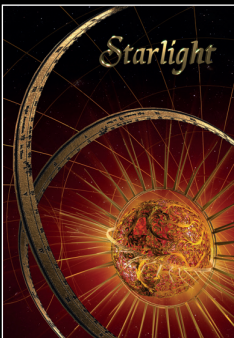
People are familiar with Mars for a long time. The history of that acquaintance is full of riddles and secrets. Today we will glance in the past to remind how the ideas have been developed and will try to answer questions which excite us throughout centuries. Orbital flight will allow us to see the grandness of Olympus volcano and the scale of the largest Martian valley Mariner with a huge canyon the Labyrinth of Night. We will see exotic sandy dunes and fantastic Martian trees. Many of what we will see today nobody has seen ever. And when it seems that we know everything about Mars, the biggest secret will be still on the way.



SATURDAY
Screening Block J
5:30-7:00 pm

SPACEPARK360: INFINITY
Dome3D and Loch Ness Productions
(39 min)

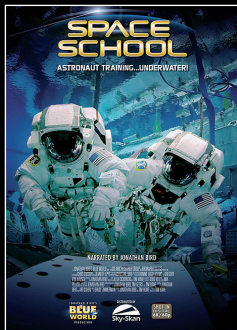
An immersive entertainment show, "SpacePark360: Infinity" is an amusement park with its rides placed throughout the solar system. It builds on its successful predecessor show, "SpacePark360: Geodesium Edition", screened at the 2011 FullDome Festival. Seen from the rider's perspective, audiences experience apparent motion from the visuals, created by the CG animators of Dome3D, while reveling in the original music and surround sound created by Loch Ness Productions soundtrack artist Geodesium.



THURSDAY
Screening Block A
1:00-3:00 pm

STARLIGHT
Melbourne Planetarium (27 min)

For thousands of years we have looked to the stars at night in wonder and awe. Their mysteries have inspired curiosity across all cultures and civilizations. Starlight is told through the eyes of Margaret, as she steps back in time to relive childhood fears of the dark that awoke her curiosity about the night sky. Join Margaret as she takes you on an out-of-this-world journey to discover constellations and ancient cultures, the birth and death of a star and the inner workings of our Sun.



SATURDAY
Screening Block H
3:30-5:00 pm

SPACE SCHOOL
Sky-Skan commissioned for
Oceanic Research Group (25 min)

From a habitat hidden deep underwater in Florida, to the world's most amazing swimming pool, dive into the underwater world of outer space! Space School is the incredible story of how astronauts train underwater to live and work in space. From microgravity simulation at NASA's Neutral Buoyancy Lab, to living under the sea at Aquarius Reef Base, astronauts spend a lot of time training underwater.



FRIDAY
Screening Block D
1:00-3:00 pm

THE ACCIDENTAL ASTRONAUTS
Clark Planetarium, Salt Lake City, UT
(35 min)

Follow the adventures of Sy and Annie and their dog Armstrong as they embark on an unexpected journey into space. Explore the Earth, Sun and Moon system with a wise-cracking starship computer. Follow an asteroid as it crashes into the Moon. Bounce along with them on the lunar surface. Get up close and personal with a solar storm. And gain a new appreciation of our home planet.



THURSDAY
Screening Block C
1:00-3:00 pm

TIME TRAVEL - FROM THE BIG BANG TO MANKIND
LWL-Planetarium Münster / Freundeskreis
Planetarium Bochum in Cooperation of ten
German Planetariums (50 min)

Imagine to compress the 14 billion year lifetime of the universe into one year. Using this scale, the planetarium turns into a time machine: Experience how our Milky Way formed, Sun and Earth emerged and how life came into being. Massive stellar explosions and catastrophic impacts on Earth are a part of this story, as are the dinosaurs and other creatures. Join us on a unique Time Travel!



SHORT FILMS

backup

16. KURZFILMFESTIVAL
WEIMAR 21.–25.05.2014

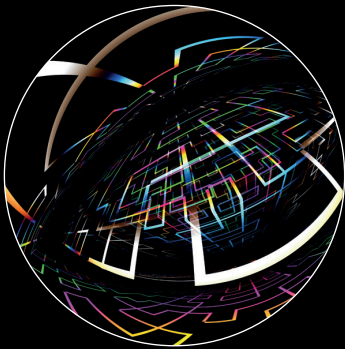
www.backup-festival.de

**11:57 PM**

Sid Lee Collective, Wemersive, Dome3D

Short Film Night, Thursday

11:57 is a virtual reality short horror film originally made for Oculus Rift, then re-created for the dome. As the first of its kind, the horror film sets out to offer a 360-degree nightmare by making the spectator the main character of the film. This means that rather than just watching the film, the viewer becomes part of the actual set making the action revolve around him or her.

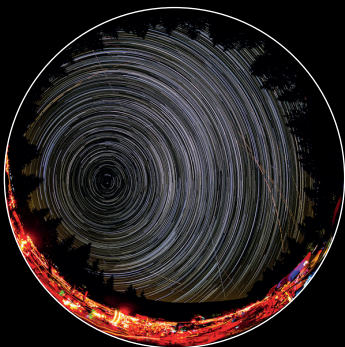
**BLACKLIGHT**

Martin Hänniger (Music)

Stefan Berke (Visuals), Jena

Short Film Night, Thursday

"BlackLight" takes you on a journey into a world of abstract views and sounds. Embedded in a moving soundscape, the visitor explores scattered crystal formations beyond a portal, which receive their energy from the moving 21 channel sound. But these are only the antecedents of the larger room of flowing information... The production gets alive by close interaction between visuals and music: sounding events receive their response in the animations, visuals modulate the soundscape.

**CREATION OF LIGHT**

Bernd Proeschold / Michael Schomann

Friday, Screening Block E: 3:30-5:00 pm

On the first day of creation God said „Let there be light" and there was light. Modern understanding of light is much more complex than in the Bible, but not less fascinating. In nature we can discover many stunning light phenomena: at sunset, in the magnetosphere, during thunderstorms and in the night sky. A philosopher might wonder: Is light a real thing out there in nature or is it a construction created by our instruments, our arts and our brain?



Ej

Alexandra Gavrilova / Sergey Titov, Moscow

Short Film Night, Thursday

Ej is an allegorical combination of two notations related to dramatic changes in technology and media: "E" – electric field and "j" – imaginary unit of complex number. Ej is a metaphor of the connection between physical and abstract on the edge where a new process starts, marking a whole era. Dominating technology covered our life like a dome of recursive vaults, but when it comes to the maximum, a new phase begins, formed by a new combination, unique and unexpected.



FEBRUAR

Maarten Isaäk de Heer, Valk Productions

Saturday, Screening Block H: 3:30-5:00 pm

In the tradition of panoramic painting, FEBRUAR shows a landscape on the border of society and nature. All empathy is withdrawn from the picture, leaving a cold and brutal site that lets you think about the relationship between nature and humanity.



FERMENTATION

Masashige Iida; Ibaraki

Saturday, Screening Block G: 1:00-3:00 pm

The theme of this work is fermentation. I expressed the spirituality of fermentation by dance movements. I produced this work with a choreographer and contemporary dancers. I feel that the dancer's physical expression is extended with full-dome creativity. Please enjoy a ritual of the life in darkness of the dome.



FLIGHT OF FANCY

Yaroslav Gubchenko, George Aistov,
Fulldome Film Society, Nizhny Novgorod
Thursday, Screening Block A: 1:00-3:00 pm

In February 2013 an one man made the incredible – a space jump. He jumped from an altitude more then 120 000 feet, broke the speed of sound in free fall, and set several world records. Millions all over the world watched his jump online. "Flight of Fancy" will put you in this man's place, you will see our planet from space with his eyes, get over the fear of a "death spin", and experience amazing virtual G-forces!

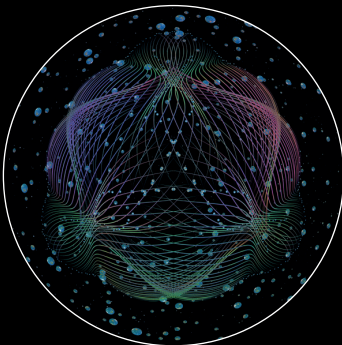


FROM THE SUN TO THE SUN

Infoversum & Mirage3D, The Hague
The Netherlands

Friday, Screening Block D: 1:00 -3:00 pm

Signature film and opening film for the Infoversum theater in Groningen, featuring a detailed flight through the city center of Groningen.



GODDESS

Ken Scott, Digital Chaotics; USA

Short Film Night, Thursday

Visual Music: A rhythmic ballet of figures dance to the music, while we meditate on Carl Sagan's thoughts about Earth and its place in the Universe.

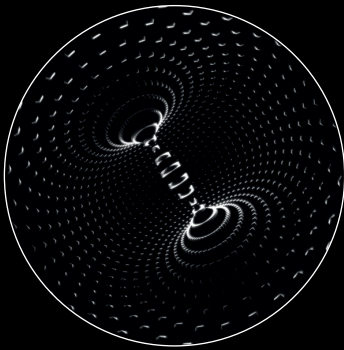


HAMBURG PLANETARIUM FLYTHROUGH

Robin Sip, *Mirage 3D*, The Hague

Short Film Night, Thursday

A detailed flight from the garden in front of the famous water tower which houses the Hamburg Planetarium all the way through the theatre, the giant water tank and exit through the roof.

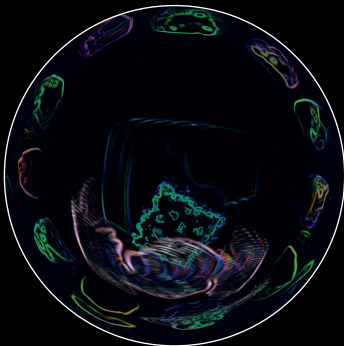


HYPNOS

Alex Guevara, *Lima*

Short Film Night, Thursday

Hýpnos: "Unreal mental image, as a product of the imagination". Hýpnos is the first audiovisual art work of the Peruvian artist Alex Guevara. It is an immersive performance that takes the audience into an unreal environment, creating an exciting sensory experience via generative visuals that react to the audio. The performance was created with TouchDesigner and was shown for the first time at Visiones Festival in Lima (Peru) in April 2015.

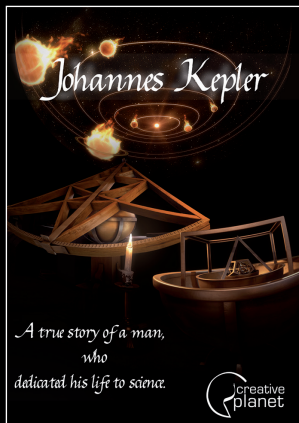


IT CAME BACK

Claudia Cumbie-Jones, Lance Ford Jones
Ringling College of Art and Design
Sarasota, FL

Short Film Night, Thursday

"It Came Back" revisits our early experiments with analog feedback. In it we take 33 year-old video footage and re-purpose it through Trapcode and Cinema 4D, creating a whimsical interplay between 2D surfaces and 3D space. Conceptually the piece evokes a wistful nostalgia for all things analog, as we imagine the signals making their way to distant parts of the universe.



JOHANNES KEPLER

Creative Planet, Maciej Ligowski, Warsaw

Thursday, Screening Block A: 1:00-3:00 pm

"Johannes Kepler" is a short film on the life of one of the greatest astronomers in the history of mankind. It is a story of a man who dedicated his life to science and sought to find God's design in the laws he discovered. A film in which we pursue a path of immersive use of the dome. This short film is just a prelude to a new coming show on Johannes Kepler and his three laws of planetary motion, produced by Creative Planet.



JOURNEY THROUGH IRAN

Helena Doyle, London

Short Film Night, Thursday

Explore Iranian domes and architecture from by-gone civilisations to present day.

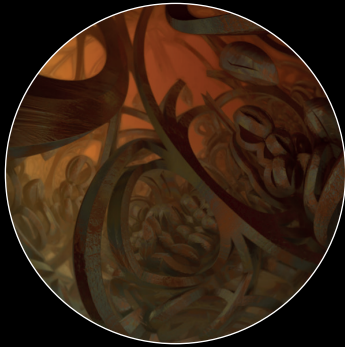


Kalejdoskop

Marta Raźniewska, Freelance Digital Artist
Poraj

Saturday, Screening Block G: 1:00-3:00 pm

My graphic kaleidoscope shows seven groups of colours – each of them has an individual meaning inspired by oriental chacras-energy of colours. Courageous and confident: red, energetic and freedom: orange, happiness: yellow, harmony and emotional: green, spiritual and creative: blue, intuitive: purple, and developing: rainbow. Colours also shows spheres of life, which influence each other.



KALI FRIEDRICH

Stefan Berke, modular-audio-graphics.com
Jena

Short Film Night, Thursday

After about 200 years, the attempt is made to combine the artistry of the painter Caspar Friedrich with the computational artistry of the fractal seeker „Kali“ to reproduce his unique style with pure number crunching.



LET'S COMMUNICATE!

The Heavens of Copernicus
Copernicus Science Centre, Warsaw

Friday, Screening Block D: 1:00-3:00 pm

This short mysterious teaser is a new movie announcement produced by the Heavens of Copernicus Planetarium's Studio in Warsaw. This time the authors will focus on people and their eternal need to communicate.



LICHTMOND

Hamburg Planetarium & blu phase media

Short Film Night, Thursday

LICHTMOND is a poetic journey through magic sounds and landscapes of a visionary parallel universe, on a world you may call "Earth 2", which is orbited by two suns. As Earth 2 is untouched by mankind we are immersed in a world full of hovering trees, strange species of flying fish, bubble-like volcanos, surreal sculptures and other impressive objects. This amazing musical audiovisual trip is wellness for the senses and features award winning music by LICHTMOND featuring Alan Parsons, I Muvrini and Boy George (as co-writer).

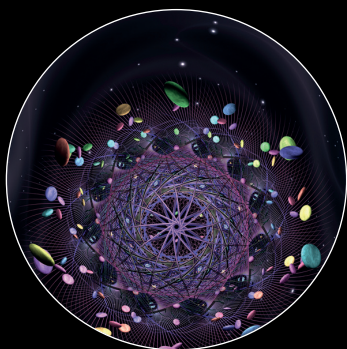


LIQUID FLOW BACALAR

Axel Vj Axx / AXXVJS, Mexico

Short Film Night, Thursday

Every year, the Liquid Flow Family gathers in Mexican paradise waters. We devote our bodies to the celebration of human contact and Water work. Come dance with us and join the experience. Filmed at "Liquid flow festival" Bacalar, Mexico 2015. Music by Sab kuch milega.

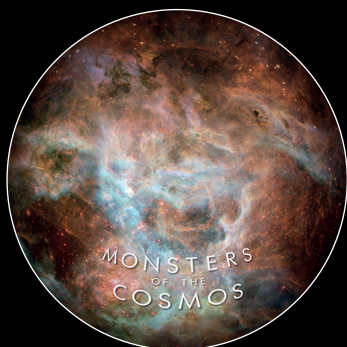


MEANING OF LIFE

Ken Scott, Digital Chaotics
Mountain View, CA

Short Film Night, Thursday

Visual Music: A rhythmic weave of inspirational words by Ken Wilbur, enchanting music by Rameses B, and hypnotic choreography by Ken Scott.



MONSTERS OF THE COSMOS

John D. Boswell, Mike Farr, Matthew
Mascheri, Symphony of Science
Elmhurst, IL

Thursday, Screening Block C: 5:30-7:00 pm

Monsters of the Cosmos aims to bring scientific knowledge and philosophy to the public, in a novel way, through the medium of music. Monsters of the Cosmos was created by John D. Boswell a.k.a. melodysheep, in partnership with Mike Farr and Matthew Mascheri.

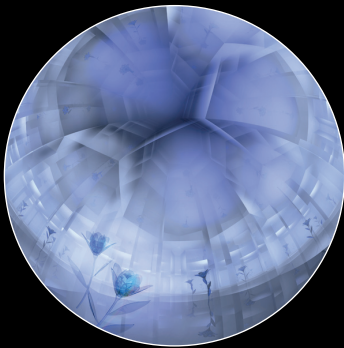


MY LITTLE BROTHER JIMMY

Thomas Bannier, HfG Offenbach

Short Film Night, Thursday

Short Animation about a young boy who escapes from a hard childhood into the woods. He leaves his twin brother Jim behind and comes back as an adult to save him from his misery.



OBSCURE PATH

(The flower of afterimage)

Fusako Baba,

Independent fulldome production, Sapporo

Short Film Night, Thursday

This work expresses the world of imagination by music and video. Its image is the sight of the non-existent garden. The time flow inside is different from the daily time. We combined each sounds and videos from inspiration by the hidden beauty of flowers. When you exit the secret path in the brain, which no one knows, there is a mysterious space there. That place is the garden of afterimage and you can take a walk there.



PAINTING STARS

Rocco Helmchen / Johannes Kraas
Bottrop

Thursday, Screening Block B, 3:30-5.00pm

Commissioned by ZEISS as a mood-piece for the 2014 IPS Conference in China, the show highlights mankind's journey in finding the perfect representation of the starry sky. It fuses together imagery from ancient drawings of the heavens above, all the way to the perfect celestial illusions created by state of the art planetarium "star machines".

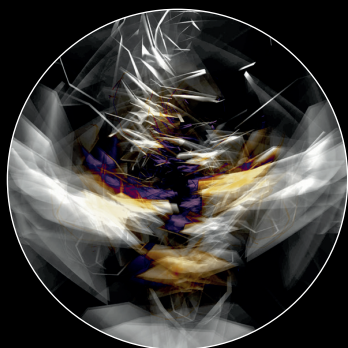


PULL OF THE MOON

Eric Hanson, xRez Studio

Short Film Night, Thursday

An immersive film based on the 2014 collaboration of renowned Chinese artist Ai Weiwei and Navajo artist Bert Benally's ephemeral land art performance in rural New Mexico. The union of Weiwei and Benally's artwork is set into a singular moment in the digital landscape, celebrating and recreating the performance on a moonlit night. The film was commissioned by New Mexico Arts and the Skylark Foundation through arts curator Eileen Braziel.



RELENTNESS BEAUTY

Audri Phillips, Los Angeles, CA

Saturday, Screening Block G: 1:00-3:00 pm

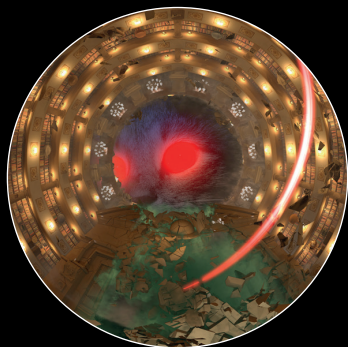
Change is constant, ruthless and relentless. The changing nature of our universe is also awesome and beautiful. This piece is designed to be meditative and reflective of this. The music is by the master composer, Steve Roach.

SHAPE OF THE SEASHELL

Timbo Estudio, Bogotá

Short Film Night, Thursday

By the hand of the Ursa Major Constellation a girl departs on a trip to a fantasy world, discovering along her path mathematical secrets of nature, the golden ratio and the Fibonacci sequence.



SIR P VS LAZER CATZ

Paul Mowbray/ NSC Creative; UK

Short Film Night, Thursday

Sir Catrick Meow was president of the British Catstronomical Association, co-founder and president of the Society for Popular Catstronomy, author of over 70 books on catstronomy, and presenter of the world's longest-running television series with the same original presenter, the BBC's The Cats at Night. Pursued his whole life by the Laser Cats of Penzance, his quest to rid the catmos of the evil Lazer Cats continues in his memory.



STARSROCK SYMPHONIC REDUX

Paul Mowbray, NSC Creative and
Sonicxploras, Leicester
Short Film Night, Thursday

An explosive audio and visual ride through the spectrum of phenomena in our Universe.



TEVA ZNS FULLDOME

Ludwig Marby,
AXIS Kommunikation, Hamburg

Friday, Screening Block D: 1:00-3:00 pm

Teva ZNS is a commercial corporate production for the client Teva Specialty Medicines. Its objective is to enhance neurologist's awareness for the innovative power and competence of Teva in the field of research of cerebral neurologic diseases, particularly multiple sclerosis. Fulldome as a medium was chosen for its innovativeness, and as immersive platform linked to new VR technologies.



THE LAST STEP

Paul Mowbray, NSC Creative and XPRIZE
Foundation, Leicester

Thursday, Screening Block A: 1:00-3:00 pm

40 years ago we left the Moon and have not returned since, experience that last step in a frozen moment of time which encapsulate the human spirit of adventure and discovery but poses leaves the question of when will we return?



THE SECRET WORLD OF MOTHS

Hannes Vartiainen, Pekka Veikkolainen
Pohjankonna Ltd., Helsinki

Friday, Screening Block E: 3:30-5:00 pm

Trailer for "The Secret World of Moths", which is a journey to the world of moths and other wonders of the macroscopic scale. We'll be using 3D X-ray tomography to explore their way of life in a way that has never been done before. Geographically the film spans from the Arctic Circle to the Equator.



THIS IS DOME

Herbert Gutauer, AwfulTHEmovie, Linz

Short Film Night, Thursday

"This is dome" moves in fast editing manner from inside to outside – qualifying the borders of what fulldome is capable of. This clip assembles the impacts of 3D animation over stop-motion to real-time video and the visual illusion of two-stroke apparent motion. Surrounded by the vibrant score of "stealing orchestra".

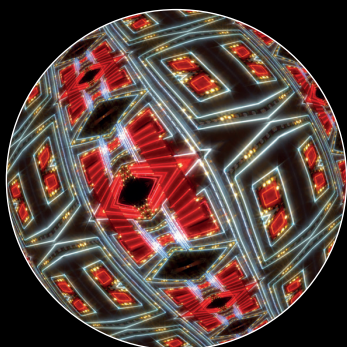


UNDERWATER FANTASY

LivinGlobe, Munich

Short Film Night, Thursday

"Underwater Fanatasy" is a visual fulldome poem, a tranquil and somewhat trance-like immersion into a fantastic underwater world. The film was produced as relaxing ambient film for LivinGlobe's spa domes VIDARIUM. It features free diving champion Ai Futaki from Japan on her weightless dive with fish swarms at the coral reefs around Sipadan Island, Borneo, Malaysia.

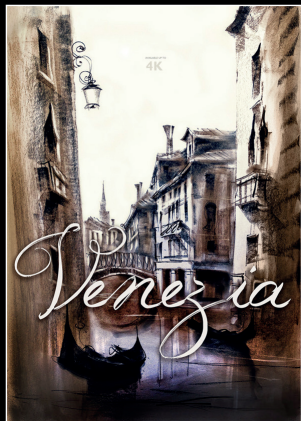


VEGAS LIGHTS

Rocco Helmchen, Bottrop

Short Film Night, Thursday

Memories of a trip to Las Vegas. A short experimental fulldome-collage of videos and soundatmos taken with smartphones and pocket cameras. It aims to capture and convey a very subjective viewpoint of this city and a strange fascination for this unreal place.



VENEZIA

Dario Tiveron, Padova

Saturday, Screening Block H: 3:30-5:00 pm

Venice is one of the most beautiful cities in the world! Experience the beauty of this enchanted city in this 5 min time-lapse, immersive journey through the memories of a painter who recalls his very first sketches from his childhood. Fall in love with Venice!



VESSEL

Aaron Bradbury, Luniere, Leicester

Short Film Night, Thursday

More than 100 000 chemical reactions happen in your brain every second. So what about the moment you saw the girl of your dreams, and she saw you? Vessel is a document of this moment. A story of love, told through neural activity captured over 4 seconds. As chemicals are released and areas of the brain activated, a form of poetry is revealed within the data. The heart beats, the iris dilates and time stands still as two lovers see each other for the first time.

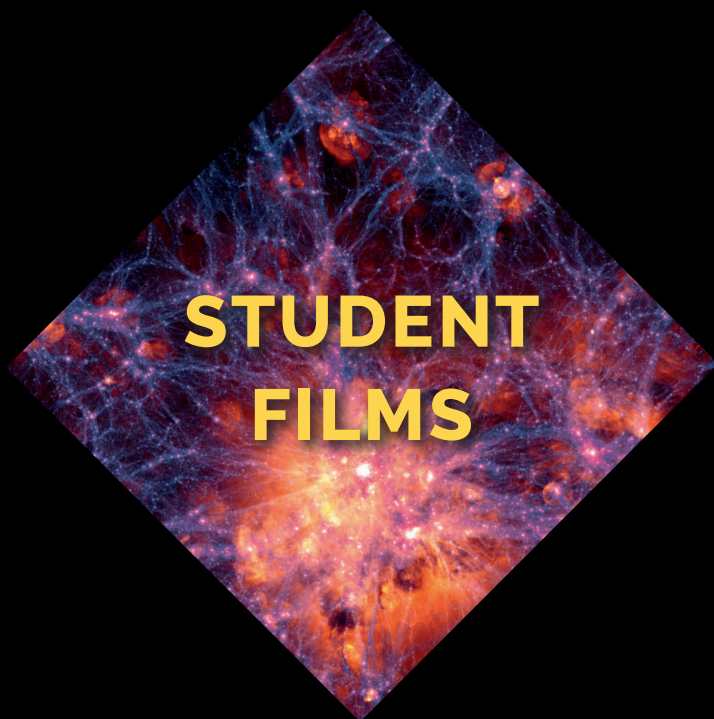


WORLD2WAR TEASER

Matthieu de Guerre, BPS studios

Short Film Night, Thursday

The story of World War 2 is coming to the dome! World2War is an action packed full dome documentary that combines cinematic battle scenes with informative overviews of the battlefield and historic reference from photos and videos. World2War will put you right in the middle of World War 2's biggest battles! This teaser will give you a sneak preview of some of the dramatic events that will be covered in the full feature length show later this year.

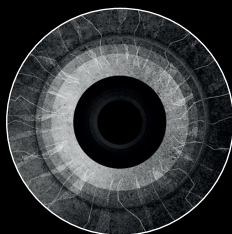




AN 8-BIT JOURNEY

Rashad Dunn, Ringling College of Art and Design
Sarasota, FL

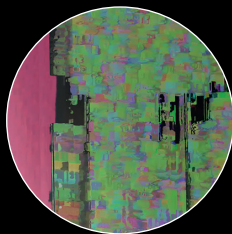
A journey through an 8-bit environment where the viewer follows a character travelling around the open road. The feeling evokes playful vibrant type of madness as the elements affect how the journey goes.



Άπειρο

Kelly Spanou, Camilo Zúñiga, Royal College of Art
London

The projection is a sequence of repetitive symmetrical patterns in motion and rotation where the spectator experiences the travelling in an infinite, echoing landscape. The rhythmic repetition of those expanding and shrinking patterns challenges the viewer's perception and lead him to an eternal universe with no beginning and end. The patterns projected in the dome have in common that they all orbit a hole at their centre. These holes are those that give form to the shapes and create the illusion of motion.



AWAKENING

Yasmeen Sabri, Ramzi Sharif, Royal College of Art
London

Awakening is about exploring the emotions of a metropolitan jet-setter. Always looking for a new adventure always looking for something new. This project is about the distortion that comes with travelling and being in many places at once. Perpetual searching for adventure perpetually in love.



BEDTIME STORY

Xiangzhen Lü, Bauhaus-Universität Weimar

This film brings back yet another story about love, hope, and eternity. But this time, Novalis and his acquaintances are the main characters of story. What's more, they live and love in the small world that is created by their own desires and dreams. The story all begins when the little boy Geo walks into the door of his neighbour in the Hotel Zur Blauen Blume, and a whole new world is unveiling itself in front of him... And it's not totally a strange world for him.



BLAUE LAGUNE

Marco Russo, Maciej Medrala, HfG Offenbach

Blaue Lagune.
Ich hatte einen Traum.
So schön, wir zwei am Meer.

Geschwisterliebe im Palmenmeer.
Es kommt ein Schiff von ganz weit
her.

Die Einsamkeit durchdringt
ihren Leib.
Bittersüße Zweisamkeit.

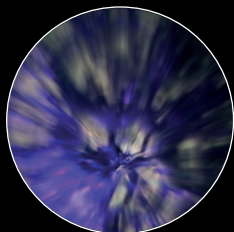
Er streichelt ihren jungen Alabasta-Po.
Verbotene Insel, fernab vom
Nirgendwo.



CITYLAPSE COLOGNE

Alexander Klatt, Sandra Kowalski, Miriam Marnett
SAE Institute Cologne

"Citylapse Cologne" is a student project, which illustrates the daily routine at four different locations in Cologne using time lapse. The clips are accompanied with music that was specially composed for the project. Furthermore, the noises that are characteristic for the particular environment will complete the hearing experience. That way the audience dives into an urban-artistic environment.



CRYSTAL CAVE

Liese Ender, Bauhaus-Universität Weimar

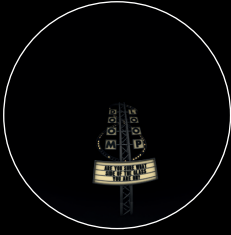
A case study of crystals that wants to make the visual and haptic spectrum of the crystal perceptible in three dimensions with real images. Surrounded by reflections, geometric figures and abstract fragments, the view into the crystal tries to explore the boundaries of the world. The entry into the crystal resembles the descent into a pit, while the search for infinity starts and the process of the transformation from living into crystalline proceeds.



DER METAPHORISCHE ÜBERGANG DES SEINS IN DAS ALLGEGENWÄRTIGE NICHTS

Merlin Heidenreich / Timon Osche, HfG Offenbach

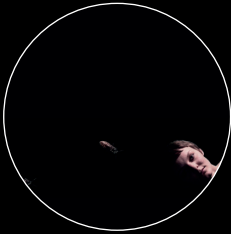
The romantic odyssey of an indifferent character in mere eternal darkness. It is not about whales.



DOOM LOOP

Robert Becker, FH Potsdam

What if everything around you isn't quite as it seems? Doom Loop explores an (un)romantic circle that doesn't reveal it self until the end. A mysterious atmosphere combined with a frightening sound collage leave the audience with only one question behind: Are you sure what side of the glass you are on?



EIN ABNORMALES LIEBESERLEBEN

Deike Schwarz / Jonas Eichhorn / Perschya Chehrazi
HfG Offenbach

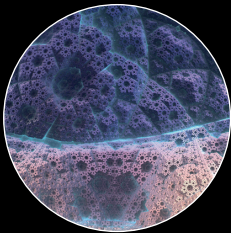
I am somewhere in a room, can see my body covered in a seat. I am the medium between realities. Come out, lovely little cockroach. Leave your refugium without fear so that you can satisfy your hunger with the gift of affection that I offer.



ES MUSS SEIN!

Tom Howey, Royal College of Arts, London

In the margins of his final work, the 16th String Quartet, Beethoven mysteriously wrote the words "muss es sein?" (must it be?), followed by the inverted phrase, "es muss sein!" (it must be!). In the quartet Beethoven playfully, almost ironically, references his own early classical works amongst quick, violent bursts of passion that sound avant-garde even today. This piece travels through Beethoven's music, and mind, as he looked back on his life that traversed the classical and romantic eras.



FRACTALAND

Mark Orzechowski, Ringling College of Art and
Design, Sarasota, FL

After a long day of work, there is nothing better than to sit back and journey through a whirlpool of morphing patterns and colours on a ride to Fractaland.



GREEN GRASS AND PRETTY GIRLS

Bigyan Mani Dixit, Bauhaus-Universität Weimar

A short light hearted story about an old man falling for a beautiful young Bell Girl. Despite every efforts the old woman couldn't stop her husband falling into the stream of dream and resulting into absurd consequences.



HINTER DEM TOR (BEHIND THE GATE)

Haifan Yang, Bauhaus-Universität Weimar

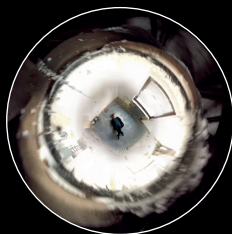
Behind the gate you can be faced with many incidents. For example: You can encounter the wolf. You can find the polar night. You can meet the blue flower. Behind the gate is a new world. Now I want to show you this new world. Perhaps nobody did see it before.



HISTORY OF ARTS

Peter Kosic / Bigyan Mani Dixit, Bauhaus-Universität Weimar

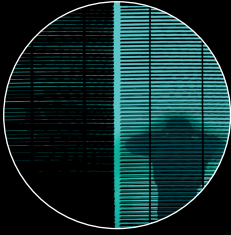
Short funny clip regarding the history of arts and the story behind it.



IT'S YOU

Katrin Dittmayer, HfG Offenbach

In the context of environment, emotions and hopelessness it is often oneself, who can manage to overcome.



JALOUSIEN

Aljoscha Seuss, FH Potsdam

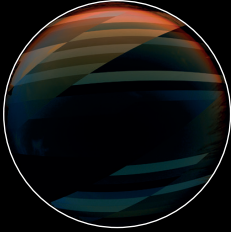
"Jalousien" is a music video by the Berlin-based electronica band "AB Syndrom". Imagine yourself being isolated from the rest of the world and feeling completely alone. Deep bass bubble, immersive shutter action and the dream about breaking free.



KALEIDOSCOPE OF TORUN

Natalia Oliwiak, Nicolaus Copernicus University
Torun

"Kaleidoscope of Torun" is a short animation inspired by the beauty of one of the oldest Polish cities. Captivating Gothic architecture was reconstructed using fulldome technology which consisted of consolidating hundreds of images of the Old Town of Torun. Admire the natural beauty of rivers, forests surrounding the city and travel through changing seasons of the year.



KA-LIDO-SCOPE

Eduardo Correa, Ringling College of Art and
Design, Sarasota, FL

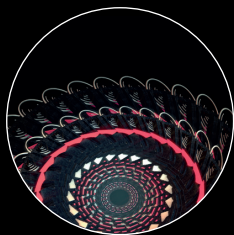
Filmed at Sarasota's South Lido Beach, Ka-Lido-Scope immerses its audience in a time-displaced kaleidoscopic view of a beautiful Floridian sunset.



MEMORIES

Griffing Rosnack, Ringling College of Art and Design
Sarasota, FL

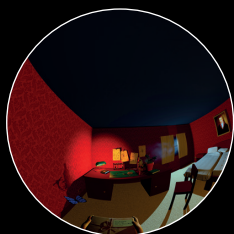
Memories can all be lost within a blink of an eye. Using a colourful approach by combining 2D animation and real-life footage, the film resonates with a tale of one man who is just like any of us.



META-BLOSSOM

Carlos Enciso, Ringling College of Art and Design
Sarasota, FL

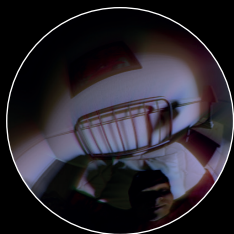
A music visualization focusing on the synergism of mechanical elements inspired by blossoming flowers.



MICROMANCE

Craig Stronge, Bauhaus-Universität Weimar

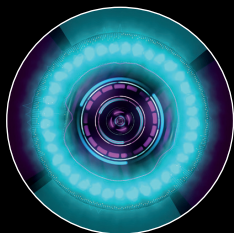
Micromance tells the story of a hotel bellboy that finds the day-to-day life of a hotel reflected inside the cells of a plant. Within this plant hotel, two cells meet which results in a blossoming romance. This story creates juxtaposition between the very human emotion of love and falling in love with the unromantic, very biological way in which plants and other organisms reproduce.



MR. WELTSCHMERZ

Alejandro Munoz, Ringling College of Art and Design
Sarasota, FL

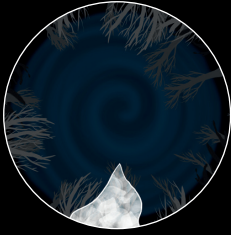
"Mr. Weltschmerz" depicts the voyage of an energy, which must swim its way through the melodies of psychological pain, before making peace with nature itself. This experimental short seeks to explore a facet of the human condition through a tunnel vision of sights and sounds.



NEON FLOW

Tazio Thompson, Ringling College of Art and Design
Sarasota, FL

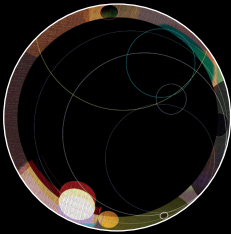
Neon Flow features the expressive use of concentric light and colour in synesthesia with an aggressive soundtrack.



ONEIRONAUT

Jessica Krecisz, Bauhaus-Universität Weimar

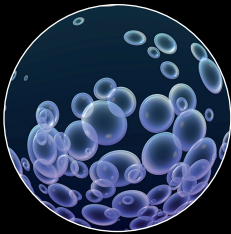
A man is sitting in his hotel room trying not to fall asleep, when strange things begin to happen. Suddenly he finds himself in a fantastic world filled with unusual beings. A girl crosses his way and he feels strangely attracted to her. Are these things really happening or is it all merely a dream?



ORBIT NO. 1

Michaela French, Royal College of Art, London

Orbit No.1 explores the visual poetry of colour, convergence and circularity. Moving between structure and chaos this animated sequence reflects upon the theme of romantic circles as movement and intersection describe ever-evolving orbits.



ROOM 312

Hain-Ruey Chan, Bauhaus-Universität Weimar

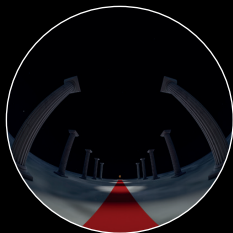
A young writer came into the hotel room and something strange happened. He started an adventure in a fantasy world. It was not only a beautiful journey but also a romantic experience which inspired him a lot. He finally got rid of stress and found his own "blue flower" in the bright, true world.



SCHIENENSUIZID

Anne Pischulski / Denise Röhrig
Hochschule Darmstadt

In "Schiensuizid" (rail suicide), the audience acoustically accompanies a rail traveller who commits suicide at the end. At the same time, statistics are reported to the audience that become increasingly bizarre. It becomes clear, that the speaker and the rail traveller are the same person. The statistics also portray the intellectual world of the rail traveller. The theme "Schiensuizid" traces the lyrical era of the black late romanticism and reflects the question of suicide.



SOMETHING MAGICAL

**Michael Babyak, Ringling College of Art and Design
Sarasota, FL**

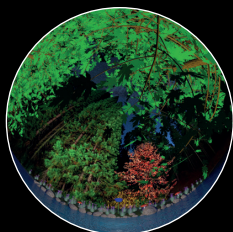
In an unknown part of the universe exist mysterious wonders that have never been seen before by human eyes. Something that cannot be described with words; something...magical.



THE COLORS OF THE SWING

**Natalia Oliwiak, Nicolaus Copernicus University
Torun**

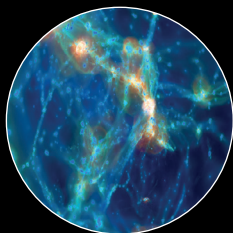
"The colours of the swing" is an experimental animation made in stop motion technique. We hear the music of Rex Stewart and his Orchestra – Fat Stuff Serenade, and then the colours pop out to the rhythm of swing music. The abstract elements, which are dancing in front of us, are multicoloured forms, patch and coloured glass. The animation itself, seems to be a result of improvisation in which the author freely plays with colour and shape.



THE FLOWER IN DISTRESS

Sonia Tiosanto, Bauhaus-Universität Weimar

A story about a woman who trapped in a magical forest as a blue flower. The room 505 (SOS) is the only entrance to the magical forest but no one knows whether the legend is true or not nor the room exist or not.



THE ILLUSTRIS UNIVERSE

Dylan Nelson, Harvard University, Cambridge, MA

A scientific visualization of the "Illustris" simulation, showing the evolution of the universe across 13.7 billion years, from shortly after the Big Bang to the present day. We focus on a region of space 45 million light years across, and highlight the dynamic state of the "cosmic web" through its temperature – blue/green is cold gas, orange/red is warm gas, and white is hot gas greater than a million degrees Kelvin.



THE RED EYE

Yung-Ching Chiu, Bauhaus-Universität Weimar

In my story "The Red Eye", the Chinese man Mr. Chang, who was a typical traditional middle-aged Asian man, came to this western posh hotel. For him it was the first culture shock that the hotel offered him the Room 404, which is totally unacceptable in Chinese culture since the number 4, resembles death. Nevertheless, Mr. Chang's request was left in oblivion. He had no choice but to live in Room 404. As the story goes, to Mr. Chang's surprise, something inside the room replied. He was frightened, terrified and confused. So he then peaked through the keyhole, but saw nothing but pure red.



THE REVIVAL

Olga Falko, Bauhaus-Universität Weimar

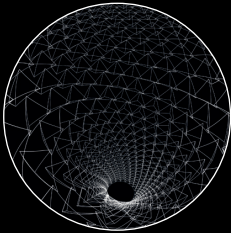
The story is about love, loyalty, friendship and magic which is always around us. Once upon a time two men were sitting in a hotel room. They were chatting about a mysterious book. The story began when one of the men decided to explain the plot of the book. It happened some time ago in one hotel room. Two friends and one young lady decided to spend their holiday at the hotel. At the beginning it was absolutely usual day, but what happened with friends later... no one of them could even imagine.



THE TIME GRID

Krystal Boersen, Bauhaus-Universität Weimar

What is time? What impact does it hold over our lives? A mismatch of audio and visual interpretations of our old friend and greatest enemy, "The Time Grid" seeks not to answer these questions but to point out the importance of asking them. This colourful, synesthetic piece grows from the obscurity of a single clock and branches outward into overwhelming though beautiful gestalts of time.



THE TREE OF AN IDEA

Alonso Vasquez, Ringling College of Art and Design Sarasota, FL

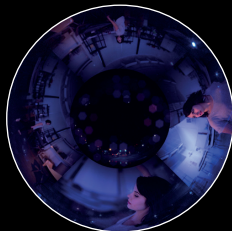
The tree of an idea is about the mind of an unborn human; how they may imagine beauty without prior aesthetic experiences or knowledge of form. I. A lullaby, the first recognizable external stimuli and the origin of the first thought pattern II. Mental representation of the origin and growth of the first aesthetic experience.



THE WHATEVER MAN

Deniz Dökmeolu, Bauhaus-Universität Weimar

A story of a different man being forced into indifference. A story of mediocrity.



THESE STREETS

Alyssa Hogan, Ringling College of Art and Design
Sarasota, FL

These Streets is a photographed and choreographed visual exploration of memory and travels to recording artist Frankmusik's song of the same title. The experience of loss and eventual closure is illustrated through contemporary dance, song, and colour.



TRAM CITY

Christian Roeper, Friedrich-Schiller-Universität Jena

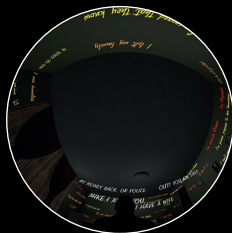
Computer-generated tram vehicles are rendered to the fulldome. During this project, a tram simulator has been written to produce the data for a very realistic driving experience. The images are ray-traced using Pov-Ray 3.7 on a Linux machine.



(UN)RUHE. BITTE!

Aleksandar Vejnovic / H el ene Gicquel / Janika
Nyncke, Hochschule Darmstadt

A young man gets lost in the woods and cannot find the way out by himself.



WALLS HAVE EARS

Mohammad Jaradat, Bauhaus-Universität Weimar

"Walls have ears" is a 360° fulldome 3D animation short film and talks about a man living in an internal conflict with his own secrets inside a room of the Hotel zur Blauen Blume. The story starts when the man enters his room and hears two persons in the neighbouring room talking their own personal secrets, in this moment he will be worry and shocked that someone can hear his own secrets. What happened when he entered the room will make him to sit with himself and start think about his own secrets. During his thinking, he will get an internal conflict between him and the walls of the room.

SPECIALS

Romantic Circles are surprisingly everywhere at the 9th FullDome Festival. A cherished tradition of the Jena Festival has always been to offer dome-loving audiences glimpses of the 360-degree multimedia future. Enjoy the Specials for this year!

HOTEL ZUR BLAUEN BLUME - FULLDOME THEATRE

Wednesday, 7:00 pm (Opening night) and Sunday, 11:00 am (Matinee performance)

The Jena Planetarium transforms into the „Hotel zur Blauen Blume“. Strange things happen inside. The night man plays an important role as action unfolds. Sometimes it's disturbing. And there is music. Digital fulldome projection, live theatre and 360-degree sound elevate the ideas of early

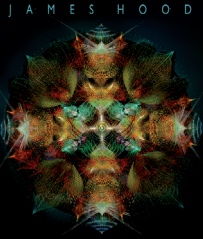


romanticism into a multimedia performance. Students from Bauhaus-University Weimar contribute breathtaking fulldome films. The ZoM-ner performance group acts out life in the hotel and sings the "Hymn to the Blue Flower". What's in the room where the bell rings next?

JAMES HOOD

Friday, 11:00 pm

Friday night, after the student films, percussionist James Hood will do a special live performance at the Jena Planetarium. Following his performance at the Denver IMERSA Summit, dream-drummer James Hood met with our director Micky Remann and agreed to play a



special late night Hang-Drum set live at the Jena FullDome Festival. We are honored and excited!

Watch James introducing the concept of dome concert as the future of performance art: <https://vimeo.com/112149923>.

UNITED VJS: EMPATHY SESSION & LUNCH BREAK

Thursday-Saturday, daily lunch break special 12 am, Saturday, Block J, c.18:30

Enjoy the daily lunchbreak VJ session with United VJs, live at the Domzelt Dome. The 3.5m dia. multichannel presenter sits half open like a shell in the Planetarium lobby and allows for casual viewing during program



breaks. This is the place where each festival day from noon to 1 p.m. the United VJs bring their unsurpassable VJ art to the scene. Don't miss the Empathy Session on Saturday afternoon!

<https://www.facebook.com/UNITEDVJS?fref=ts>



**TALKS
PRESENTATIONS
WORKSHOPS**

THURSDAY

MAY 28

10:00 **IMERSA Business of Fulldome Report**

Dan Neafus

Dan Neafus will present some new reports about the business of fulldome, featuring success stories and challenges of the maturing marketplace.

10:30 **Domes of Sound**

Mark C. Petersen live via Skype from the Rocky Mountains!
An overview by a dome show distributor and musician.

11:00 **Tabaluga - A case of new business development**

Markus Schäfer

Besides a little behind-the-scenes report about the company and its first production "TABALUGA und die Zeichen der Zeit", Markus Schäfer will be happy to share some learnings and thoughts about business aspects in fulldome production, marketing and distribution, and a vision for "alternative" fulldome content.

11:30 **ZEISS VR ONE - Development and Application for a – new VR Headset.**

Franz Troppenhagen

The expert in the field of virtual reality hard and software will talk about the latest developments and applications where virtual reality headsets demonstrate their advantages, with special reference to the fulldome community.

FRIDAY

MAY 29

10:00 **Where and how art shows enter the Dome**

Ben Stern

Talking about our experiences as GaiaNova & Fulldome UK getting art into domes and an update on behalf of the International Fulldome Arts Alliance (IFAA) one year on from its foundation during IX 2014 and Fulldome Festival Jena 2014.

FRIDAY**MAY 29****10:20** **Liberated Sounds and Image**

Prof. Rotraut Pape

Universities from the state of Hesse have premiered immersive films at the FullDome Festival since it was founded. In October 2015, the second "B3 Biennale des Bewegten Bildes" in Frankfurt will present highlights and research from the international fulldome community, including Spatial Sound technology. The presentation will look back, around and ahead.

10:40 **From Environmental Media to 3D Spatial Sound**

Prof. Sabine Breitsameter, Hochschule Darmstadt

3D sound, both as an autonomous auditory experience and in combination with fulldome cinema (in collab. with Prof. Pape / HfG Offenbach / HFMA), has become a major focus of the Lab's artistic research and practices. The workshop presentation will give some in"sight" in ongoing activities and collaborations as well as in upcoming projects.

11:00 **Matrix Optimizer III**

Stefan Berke

This talk is about a new software for digital artists and planetariums with multi-projection systems, providing all aspects from fulldome production and live performance to slicing and networking. Graphic and sound artists get a tool in the likes of Touch Designer, Reaktor or PD/Max, with extended capabilities for sequencing, spatialization, slicing and off-line rendering.

11:20 **The Art of Dome**

Kelley Francis

Kelley Francis will be presenting on art and technology and the imagined way we may further merge the two using fulldome as a fully interactive medium. Culling examples from her experience working in art, technology and entertainment based out of Los Angeles (to include work on film productions and corporate activations), Kelley will cover projects and forecasts on alternative fulldome approaches.

11:40 **Morrowsound Demo and Networking**

at Seminarraum

SATURDAY

MAY 30

10:00 **Interactivity**

André Wünschler

All about interactivity in the dome.

10:20 **VIOSO News**

Jürgen Krahnmann

Demonstrating the usage of realtime fulldome platforms: free/open source planetarium solutions; games and other creative contents; using VR content to populate a dome.

10:40 **NSC CREATIVE**

Phil Day

The talk will be on NSC Creative's Dome film production concentrating on the developments we have made into 3D with a brief look at our latest released films and why we are looking towards both 3D and the VR market with an examination into the pitfalls that developing for all 3 formats can pose.

11:00 **The dream of drone flight**

Max Teuschler

... with a 360-degree cam attached to it. The pioneering Heliko activist gives a practical demonstration.

11:20 **Sensarium and the Sphere of Light Award**

Markus Beyr

Sensarium Dome is an intelligent recliner that can interact with its user via various sensors, and adapt its fulldome program to his/her behavior and biofeedback. Showcased at the Ars Electronica Festival Linz, and at Toskana Therme Bad Sulza it invites people to get acquainted with an individualized immersive experience. Markus also calls for submissions to the Sphere of Light competition.

ONGOING PRESENTATIONS

MAY 28-30, Morning

**DOMZELT DEUTSCHLAND
PRESENTER**

Lobby

MORROWSOUND DEMO

Seminar Room

SENSARIUM DOME

Bauersfeld Restaurant

PROGRAM AT A GLANCE

 **DOME (Planetarium)**

 **LOUNGE (Tent)**



**Hotel zur
Blauen Blume**


WEDNESDAY, MAY 27


 **19:00** Grand Opening: Premiere of "Hotel zur Blauen Blume"

THURSDAY, MAY 28

 **10:00** Dan Neafus: IMERSA Business of Fulldome Report

 **10:30** Marc C. Petersen: Domes of Sound

 **11:00** Markus Schäfer: Tabaluga - A case of new business development

 **11:30** Franz Troppenhagen: ZEISS VR ONE. Development and Application

 **12:00** Lunch Break: Live VJ sessions @ Domzelt Dome

 **13:00** Screening Block A

Short Film: Johannes Kepler

Short Film: Flight of Fancy

Feature Film: Time Travel

Feature Film: Starlight

Short Film: The Last Step

 **15:00** Break


 **15:30** Screening Block B

Short Film: Painting Stars

Feature Film: Journey through the Solar System

Feature Film: Discover the Stars

Student Clip: The Illustris Universe

 **17:00** Break

 **17:30** Screening Block C

Feature Film: Deep Space

Feature Film: Secret of the Red Planet

Short Film: Monsters of the Cosmos

 **19:00** Break

 **19:30** Short Film Night: approx. 30 international short films

FRIDAY, MAY 29

- 🌅 10:00 Ben Stern: Where and how Art shows enter the Dome
- 🌅 10:20 Prof. Rotraut Pape: Liberated Sounds and Image
- 🌅 10:40 Sabine Breitsameter: From Environmental Media to 3D-Sound
- 🌅 11:00 Stefan Berke: Matrix Optimizer III
- 🌅 11:20 Kelley Francis: The Art of Dome
- 11:40 Morrowsound: Demo and Networking (Seminar Room)
- ▲ 12:00 Lunch Break: Live VJ sessions @ Domzelt Dome
- 🌅 13:00 **Screening Block D**
Short Film: Teva ZNS Fulldome
Short Film: From the Sun to the Sun
Feature Film: The Accidental Astronaut
Feature Film: Polaris
Teaser: Let's communicate!
- ▲ 15:00 Break
- 🌅 15:30 **Screening Block E**
Short Film: Creation of Light
Feature Film: Geheimnis dunkle Materie
Feature Film: Gravity Revealed
Trailer: The Secret World of Moths
- ▲ 17:00 Break
- 🌅 17:30 **Screening Block F**
Feature Film: Deep Sky
Feature Film: Habitat Earth
Short Film: LIGHT Teaser
- ▲ 19:00 Break
- 🌅 19:30 **Students' Night:**
about 40 international student works
- 🌅 23:00 **SPECIAL: Dancing in the Dome**
Late Night special live: James Hood

SATURDAY, MAY 30

- 🌕 10:00 André Wünschler: Interactivity in the Dome
- 🌕 10:20 Jürgen Krahnemann: VIOSO News
- 🌕 10:40 Phil Day: NSC Creative's Dome film production
- 🌕 11:00 Max Teuschler: The dream of drone flight
- 🌕 11:20 Markus Beyr: Sensarium and the Sphere of Light Award
- 11:40 All: Q&A – discussions and announcements
- ▲ 12:00 Lunch Break: Live VJ sessions @ Domzelt Dome
- 🌕 13:00 **Screening Block G**
Short Film: Kalejdoskop
Short Film: Relentless Beauty
Feature Film: Grossology and You
Feature Film: Amigos - Inside the Human Body
Short Film: Fermentation
- ▲ 15:00 Break
- 🌕 15:30 **Screening Block H**
Short Film: Februar
Feature Film: From Dream to Discovery
Feature Film: Space School
Short Film: My little brother Jimmy
Short Film: Venezia
- ▲ 17:00 Break
- 🌕 17:30 **Screening Block J**
Feature Film: Deen Al Qayyima
Feature Film: SpacePark360: Infinity
Life Session: Empathy Session
- ▲ 19:00 Break
- 🌕 20:00 **FullDome Festival Gala with Award Ceremony**

SUNDAY, MAY 31

- 🌕 11:00 "Hotel zur Blauen Blume" - Matinee-Performance

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Carl Zeiss AG, Planetarien

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Jena. Kultur.



Markus Beyr



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FullDome Festival Award Sponsors

Carl Zeiss AG

- »Student Performance Award«
- »Student Creative Award«
- »Student Audience Award«

Jena Kultur

- »Blaue Blume Award« (Blue Flower)

Institut für Aqua Wellness, Musia Heike Bus

- »Best in Emphasis on Emotion Award«

California Academy of Sciences

- »Best of First Year Student's Award«

Sky-Skan, Inc.

- »Innovative Use of Production Technology Award«



Reef Distribution GmbH

- »Best Fulldome Short Film Award«

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**ROMANTIK
LICHT
UNENDLICHKEIT**

Jena 2015

Veranstaltungsort / Venue:

Zeiss-Planetarium Jena
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07743 Jena, Germany

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