

www.fulldome-festival.de
eventbase: 10th FullDome Festival



fulldomefestival²⁰¹⁶
FRAMELESS FRENZY

26th – 28th May 2015

Opening: 25th May 7:00 pm
„Ich liebe Dich!“

PROGRAM

EDITORIAL

Frameless Frenzy at the 10th FullDome Festival!

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. The shift happens and that's why we celebrate Frameless Frenzy!

With gratitude,
The FullDome Festival Directors



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AWARDEES 2015

Last Year's JANUS Awardees

The Janus FullDome Awards have been presented to seven out of 94 FullDome Festival contributions eligible for awards.

Creative Award

Aljoscha Seuss, Fachhochschule Potsdam, for the student contribution »Jalousien«

Performance Award

Christian Öhl, Hochschule für Gestaltung Offenbach, and Philipp Boß, Hochschule Darmstadt, for the student contribution »Am Ende eines langen Tages«

Audience Award

Deike Schwarz, Jonas Eichhorn, Perschya Chehrazi, Hochschule für Gestaltung Offenbach/ Hochschule Darmstadt, for the student contribution »Ein abnormes Liebeserleben«

Emphasis on Emotion Award

Mohammad Jaradat, Bauhaus University Weimar, for the student contribution »Walls Have Ears«, and Bigyan Mani Dixit, Bauhaus University Weimar, for the student contribution »Green Grass and Pretty Girls«

First Year Students' Award

Kelly Spanou, Camillo Zúñiga, Royal College of Arts London, for the student contribution »Απειρο«

Directors Award

California Academy of Sciences, San Francisco, for the full-length feature show »Habitat Earth«

Directors Award

Melbourne Planetarium, for the full-length feature show »Starlight«

Blaue Blume Award

Fusako Baba, Sapporo, for the fulldome short film »Obscure Path (The Flower of Afterimage)«

Best Fulldome Short Film Award

Thomas Bannier, Hochschule für Gestaltung Offenbach for the student contribution »My Little Brother Jimmy«

Special Awards

Award for Use of Innovative Production Technologies

Masahige Iida, Moriya, Japan, for the fulldome short film contribution »Fermentation«

Audio Award

Thomas Bannier, Hochschule für Gestaltung Offenbach, for the student contribution »My Little Brother Jimmy«

AWARDEES 2015

Last Year's Honorable Mentions

"In recognition of the minimalistic visual and acoustic interpretation of the flow of changes in fulldome."

Alexandra Gavrilova, Sergey Titov, Moscow, for the fulldome short film »Ej.«

"In recognition of showing the challenging relation of nature and civilization in a broad, dome specific scenography"

Maarten Isaäk de Heer, VALK PRODUCTIONS, for the fulldome short film »FEBRUAR«

"In recognition of presenting an indigestive topic in an easy to digest and humorous way."

Morehead Planetarium, Chapel Hill, for the full-length feature film »Grosology and You«

"In recognition of wetting the audiences appetite for an intriguing fulldome show in the making."

The Heavens of Copernicus, Warsaw, for the fulldome teaser »Let's communicate!«

"In recognition of excellence in science communication."

visuarte, Munich, commissioned by Carl Zeiss AG for the fulldome teaser »Light«

"In recognition of skillfully cross-referencing natural and mathematical patterns in an emotional and plausible media design."

Timbo Estudio, Bogotá, for the fulldome short film »Shape of the Seashell«

"In recognition of highlighting innovative CGI techniques as creative tools for art performances in fulldome."

xRez Studio, Santa Monica, CA, for the fulldome short film »Time 2014: Pull of the Moon«

"In recognition of mixing old and new images of a famous tourist destination in an appealing visual rhythm."

Dario Tiveron, Padua, for the fulldome short film »Venezia«

JURY 2016

INTRODUCING THE 2016 FULLDOME FESTIVAL JURY

We are honored to introduce the people who have agreed to donate their time and expertise to review fulldome shows eligible for an award in the 2016 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 at the Festival Gala on May 28th.

AARON BRADBURY



VFX Supervisor at NSC Creative, based at the National Space Centre in the UK. He has directed immersive projects for corporate clients, educational institutions and theme park attractions.

PROF. HANS-CHRISTIAN VON HERRMANN



Professor of Literary Studies (Literature and Science) at Technische Universität Berlin since 2011.

JOHN LAKEY



Director of the McDonnell Planetarium in Saint Louis, USA, for the last 5 years until he moved to Jena in 2015. He served in virtually every area of the Planetarium profession.

JÜRGEN WEISHÄUPL



Vienna based independent curator and producer for interdisciplinary large scale art shows, like the mass-theatre event "Festino" in Palermo or the cultural program for UEFA EURO 2008.

KELLEY FRANCIS



Independent artist, producer and multi-media maven working in the field of immersive technology. Her work includes film production, art direction, fine art installation, content programming, production development and live-event support.

DR. MARINA MASIC



New York based artist and scientist focusing on immersive multi sensory experiences. She is part of a new immersive enterprise known as Lucia Light Technology.



FEATURE SHOWS

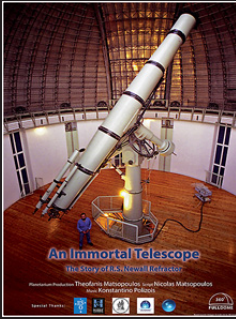


THURSDAY
3:00 - 3:45 pm

AMAZING PLANETS

Brno Observatory and Planetarium (40 min)

Come with us on a journey through the Solar System, and discover some of the planetary highlights in this educational show with a funny quiz! You'll be wandering through the time to the Solar System formation, through Venus's scorching heat and across Mars's freezing wastelands. You'll stray dangerously close to giant planets, weave your way through moons, rings and asteroids and chase a blazing comet. You'll see places that only interplanetary spacecraft have dared to visit!

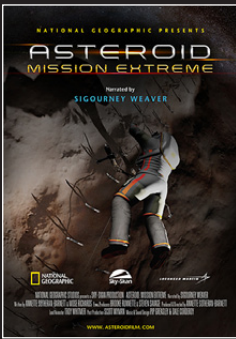


FRIDAY
3:00-3:30 pm

AN IMMORTAL TELESCOPE: THE STORY OF R.S. NEWALL REFRACTOR

Theofanis Matsopoulos (25 min)

This 25 min fulldome show is dedicated to the once largest refracting telescope made by Cooke & sons in 1869. The famous Newall telescope had many ups and downs in its life but it is still alive and active at Athens Observatory 147 years after its birth. The show refers to the value of the old astronomical instruments and travels the audience through the fascinating history of the Newall telescope, from its construction up to now with the use of immersive visualizations and live action footage.

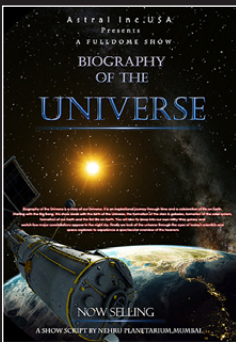


FRIDAY
6:45-7:15 pm

ASTEROID: MISSION EXTREME

Sky-Skan, National Geographic Studios, Lockheed Martin (25 min)

Asteroid: Mission Extreme takes audiences on an epic journey to discover how asteroids are both a danger and an opportunity. The danger lies in the possibility of a cataclysmic collision with Earth; the opportunity is the fascinating idea that asteroids could be stepping stones to other worlds – veritable way stations in space – enabling us to cross the Solar System. Explore what it would take for astronauts to reach an asteroid and how such an adventure could benefit humankind.

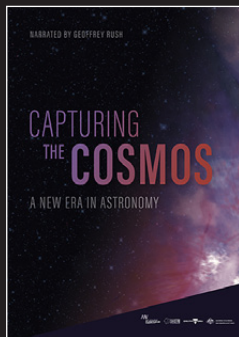


THURSDAY
2:00-2:30 pm

BIOGRAPHY OF THE UNIVERSE

Astral Inc. (28 min)

Biography of the Universe is a story of our Universe. It is an inspirational journey through time and a celebration of life on Earth. Starting with the Big Bang, this show deals with the birth of the Universe, the formation of stars & galaxies, of the solar system, our Earth and the first life on Earth. You will also fly deep into our own Milky Way galaxy and watch few major constellations appear in the night sky. Finally we look at the universe through the eyes of today's scientists to experience a spectacular overview of the heavens.



THURSDAY
1:30-2:00 pm

CAPTURING THE COSMOS Melbourne Planetarium (26 min)

Astronomers today are exploring the universe on a grand scale. But knowing what's out there, is just the first step. Putting the pieces together to unlock the mysteries of the universe is the ultimate goal. Narrated by Academy Award winning actor Geoffrey Rush, discover the new astronomy being carried out under the breathtaking skies of the Australian outback. What new things will we learn about the Cosmos?



FRIDAY
1:00-1:30 pm

CLOSER TO THE STARS Brno Observatory & Planetarium (34 min)

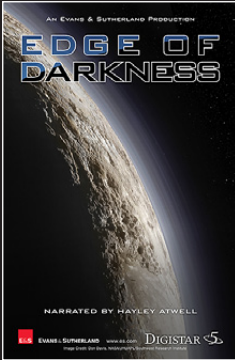
More than a century ago, the sky was full of sparkling stars, inspiring generations of poets, musicians and painters and filling peoples' minds with dreams and joy. What about now? How do we feel when we are looking at the muddy haze unfolded over all big cities from Los Angeles to Beijing? This wooly orange mist has cut us off from darkness and obscured our view to the space. Admirers of the night sky's beauty and astronomers seeking for the greatest mysteries of the universe now have to follow the dark sky to hardly accessible locations. And it is here where the story of Closer to the Stars takes place.



THURSDAY
5:15-6:00 pm

//International Premiere DO WE DRINK WATER FROM COMETS? Techmania Science Center (40 min)

Water is a basic condition for the emergence of life. This relatively simple compound, consisting of two hydrogen atoms and one oxygen atom, is found on Earth in gaseous, liquid and solid forms. Water accounts for most of Earth's surface. Water makes up most of our body by weight. However, one fundamental question is left unanswered: where did all that water come from? Perhaps, the answer is more complex than anyone might expect.



THURSDAY
3:45-4:15 pm

// Festival Premiere
EDGE OF DARKNESS
Evans & Sutherland (25 min)

Edge of Darkness is the latest fulldome movie produced by Evans & Sutherland. The film features amazing scenes of places never before seen gathered by key space missions that culminated with groundbreaking discoveries in 2015. It features a spectacular flight though the great cliffs on comet 67P, a close look at the fascinating bright "lights" on Ceres, and the first ever close ups of dwarf binary planet Pluto/Charon and its moons. Narrated by Hayley Atwell, Agent Carter, from the Marvel Cinematic Universe and the ABC television series.



THURSDAY
1:00-1:30 pm

FROM EARTH TO THE UNIVERSE
Theofanis Matsopoulos & European Southern Observatory (32 min)

From Earth to the Universe is the world's first full-length fulldome planetarium movie freely available for planetarium use. This stunning voyage through time and space conveys, through an arresting combination of sights and sounds, the Universe revealed to us by science.



FRIDAY
4:00-4:30 pm

GALAXY KIDS: A STAR WITH MY NAME
Tak Hoon KIM, Tak Toon Enterprise (22 min)

Atla of the <GALAXY KIDS> wants to discover his own star but it seems like it will never happen. After learning that all of his Galaxy Kids friends have discovered their own stars, Atla, jealous, heads out into space to find his own.



THURSDAY
6:30-7:00 pm

//Global Festival Premiere
**INCOMING: ASTEROIDS, COMETS, AND THE
HART-HITTING STORIES OF OUR COSMIC
ORIGINS**
California Academy of Sciences (25 min)

Asteroids and comets have collided with our planet throughout its history, changing the course of life on Earth and shaping the world we know today. Incoming explores the past, present, and future of our Solar System and the landmark discoveries scientists have made sending spacecrafts to visit tiny worlds. Cutting-edge visualizations will bring real-time data from current NASA missions to life while taking audiences on a ride through the dynamic story of our cosmic origins.



SATURDAY
5:45-6:45 pm

//International Premiere
JULES VERNES VOYAGES
Ralph Heinsohn, Rocco Helmchen, Tobias
Wiethoff (50 min)

The phantastic adventures of Jules Verne have fascinated generations ever since. So it was time to bring his world of inventions and science fiction to the dome. Based on the novels "The Journey to the Moon" and "Journey around the Moon" three independent fulldome artists, Ralph Heinsohn, Rocco Helmchen and Tobias Wiethoff, joined forces and created a 50 minutes show. By combining three musical episode movies the ideas and visions of Jules Verne come to life.



FRIDAY
2:00-2:30 pm

KAGAYA'S AURORA
KAGAYA Studio, GOTO Inc. (26 min)

Curtain waves, light swirls, and then breaks up. Different aurora captured by time-lapse is recreated in the dome. Using computer graphics, the mechanism is explained how the aurora is generated. Glacier shot from high level, image of arctic and row of mountains. This is a production that lets you fully enjoy the attractiveness of the aurora along with the nature of Ireland and Alaska.



FRIDAY
5:00-5:45 pm

LIFE UNDER THE ARCTIC SKY
Winner Audio & Video Corp, Behind the
Scenes Media, Mirage3D (41 min)

"Life under the Arctic Sky" is a film about the Northern lights and the Sami people (the indigenous people of the Arctic). Highlights of the film are the Northern Lights, the Reindeer Migration and dogsledding trips. A total of 10 film trips and 105 days were made to the Arctic to capture the Northern Lights, the Sami's and their reindeer and the beautiful Arctic scenery.



SATURDAY
5:00-5:45 pm

//Festival Premiere
**ONCE AND FUTURE CITIES: A FRACTAL
JOURNEY**
Pragmatic Consulting LLC (38 min)

"Once and Future Cities: A Fractal Journey" is an immersive exploration of mythical universes, created purely through mathematics. An international team of some of the worlds finest fractal artists and an award winning composer collaborated to realize the vision of travelling through landscapes that can only be visualized in our imaginations and through the magic porthole of the planetarium dome.



SATURDAY
1:45-2:30 pm

ORIGINS
Borkel-Art Pro (47 min)

This organic fulldome approach successfully initiates an alternative communication path between science and the audience by showing nothing else than the physical, palpable world we live in. Origins unifies the history of the Cosmos and life on Earth in one single philosophical journey through different landscapes of our world, including the human mind. The show starts with an overture which represents the origin of life. After this, and with the help of a mysterious character, we show the nature of space-time and its intrinsic relation to the human condition. We will watch and listen to the colors and sounds of the world before we enter the final part of Origins: The Awakening.



FRIDAY
3:30-4:00 pm

REMAINS OF THE DINOSAURS
TOPPAN PRINTING Co., Ltd. / KONICA-MINOLTA PLANETARIUM Co., Ltd. (25 min)

A science entertainment program introducing dinosaurs in the most realistic way using the latest scientific approach. Beautiful and mysterious fossils, and specimens are drawn by computer graphics, and dinosaurs which recreated accurately from skeletal specimens will be appeared on the dome screen.



FRIDAY
1:30-2:00 pm

ROSETTA
FullDome Film Society, Fisheye Vision, FullDomeLab (23 min)

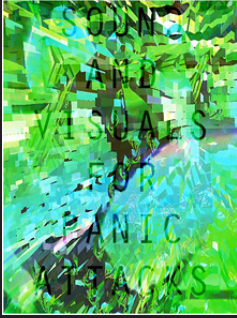
FullDome Film Society together with Kiev Planetarium and Atmosfera360 Center are proud to present the unique fullDome show dedicated to a breakthrough discovery and space mission to the core of the comet 67P. Join the comet discoverer Klim Churyumov in the story about the origins of the Solar System and life on Earth. Meet the challenges of a 10 year long mission with "Rosetta" spacecraft and the "Philae" lander. Become the first one to find oneself on the comet surface!



THURSDAY
6:00-6:30 pm

SOLAR SUPERSTORMS
Spitz Creative Media, NCSA, and Thomas Lucas Productions, Inc., in association with the Fiske Planetarium (25 min)

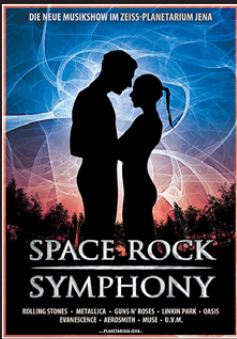
Solar Superstorms takes viewers into the tangle of magnetic fields and superhot plasma that vent the Sun's rage in dramatic flares, violent solar tornadoes, and the largest eruptions in the solar system: Coronal Mass Ejections. Focusing on the Sun's effects on Earth's atmospheric, communications, and power systems, the show visualizes the inner workings of the Sun with groundbreaking scientific visualizations computed on the Blue Waters supercomputer, based at the National Center for Supercomputing Applications.



SATURDAY
3:00 - 3:30 pm

SOUND AND VISUALS FOR PANIC ATTACKS COSI (20 min)

Sound and Visuals for Panic Attacks explores the phenomenon of generalized anxiety disorder and panic disorder and the influence of both of these medical conditions on the output of the artist. Ty Owen has been working in the field of sound art, experimental music, and live video for over 15 years and has toured extensively throughout the United States and Canada performing in various spaces. He is currently the Manager of Theater Programs at COSI, in Columbus Ohio.



SATURDAY
3:30 - 4:30 pm

SPACE ROCK SYMPHONY Sternevent GmbH (50 min)

Experience a modern Rock-Fairytale where e-guitars, symphonic orchestras and cosmic images combine into an exciting Show. Get hypnotized by the greatest symphonic Rock-hits of the last decades. To the driving sound of many of the greatest legends of Rock we let ourselves be carried away to the only place that is even more infinite than the universe: our own imagination.



FRIDAY
6:15 - 6:45 pm

TAKE FLIGHT Morehead Planetarium and Science Center (22 min)

Join uniquely-animated brothers Wilbur and Orville Wright for a full-throttle adventure through the history and into the future of aeronautics! Learn about the four forces of flight – lift, weight, thrust and drag – with demonstrations by the Wright brothers and share observations and discoveries with Leonardo da Vinci as he creates his “flying machine.” Along the way, you’ll meet Bessie Coleman, the first woman of African American and Native American descent to earn an aviation pilot’s license; break the sound barrier with Chuck Yeager; and take an exhilarating flight across the Atlantic Ocean with Amelia Earhart.



FRIDAY
5:45-6:15 pm

THE SECRET WORLD OF MOTHS

Hannes Vartiainen, Pekka Veikkolainen,
Nordic Fulldome Production (24 min)

The Secret World of Moths is a magical journey to the world of moths. Using 3D X-ray tomography we shed light to their hidden macrocosm and explore their way of life in an unprecedented way. Geographically the film spans from the Arctic Circle to the Equator. Observing these two extreme environments helps us learn about and understand the diversity and complexity of their macroscopic world and our fragile existence on planet Earth.



THURSDAY
4:15-4:45 pm

WE ARE STARS

NSC Creative (26 min)

Explore the secrets of our cosmic chemistry and our explosive origins. Connect life on Earth to the evolution of the Universe by following the formation of Hydrogen atoms to the synthesis of Carbon, and the molecules for life. With expert input from leading scientists, leading cosmologists, astrophysicists, astrochemists, planetary scientists and astrobiologists, We Are Stars presents humanity's current understanding of where everything, including us, came from.



SATURDAY
1:00-1:45 pm

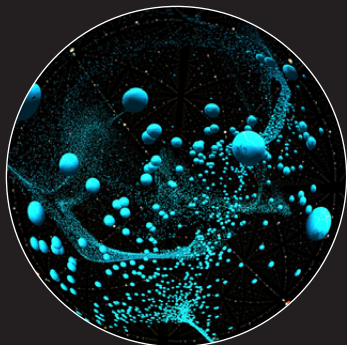
WORLD 2 WAR

Dutch Tilt Studios (44 min)

The story of World War 2 is coming to the dome! World 2 War is an action packed fulldome documentary that combines cinematic battle scenes with informative overviews of the battlefield and historic reference from photos and videos. World 2 War will put you right in the middle of World War 2's biggest battles!



SHORT FILMS

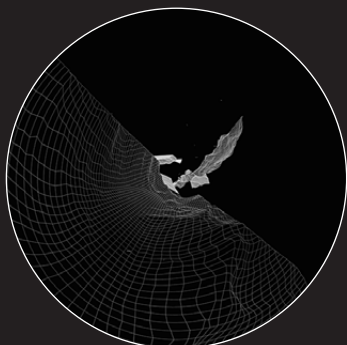


A MURMURATION OF LIGHT

thiscountryside, first cut produced at MORPHOS residency, Denver, CO (6.5 min)

Short Film Night, Thursday

Of digital nature, this piece is a sculpture made with light. It draws influences from flocking birds, shoaling fish, phosphorescence and the ever changing forms that are part of the interconnected mesh that we are all part of. The sound is taken directly from a dawn chorus we recorded in Cornwall, sections multi-layered as the narrative develops and the murmuration break out of the urban framework and move through infinite 3D space.



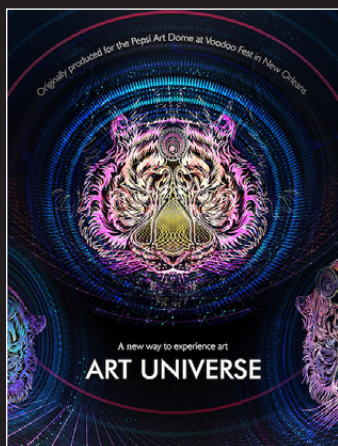
ALEE

Kiyoon Nam, Ringling College of Art and Design, Sarasota, FL (6 min)

Students' Night, Friday

(Short film by Motion Design Department)

Alee is an exploration of the brief moment between life and death. It presents the tranquility and loneliness of leaving your body and the world; the visuals also play off of the relationship of life and death by floating between the realm of surreal and literal. Rather than personifying death as fearsome, violent, or malevolent, Alee attempts to present death as a slow and relatively quiet journey with no clear beginning or end.



ART UNIVERSE

David Gardner & Chris Saunders/ George Aistov (18 min)

Saturday, 6:45 pm

Originally produced for the Pepsi Art Dome at Voodoo Fest 2015 in New Orleans, this piece is a collaboration between artists and animators at Likuid Art and FullDomeLab. This stunning immersive installation, featuring original score and sound design, showcases work by artists from Likuid Art's growing online subscription-based art repository. Conceived of and directed by the Likuid Art creative team of David Gardner and Chris Saunders, it presents a new way to experience art.



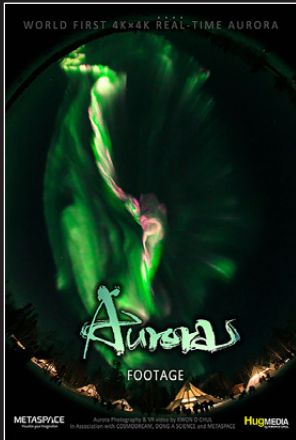
//Festival Premiere

ATMAN – JOURNEY THROUGH COSMIC DIMENSIONS

Michael Jeitler, Nico Steckhan, Berlin (14 min)

Short Film Night, Thursday

We present a journey through our dimensions like in powers of ten. You will have a deep insight into the microcosm, macrocosm, universe and our own little world between. Real footage (timelapses, multicopter, slow motions) is combined with animations. The music and most of the videos are created by ourselves. This is preliminary work. We intend to play live concerts with projections in planetariums.



AURORA: EXPERIENCING REAL SUBSTORM

O Cheol Kwon, Hug Media, Seoul (5 min)

Short Film Night, Thursday

These eye catching footages were taken by a well-known astro-photographer Mr. O Cheol KWON during the Aurora Substorm 2015, which was a unique experience even for the photographer who spent several years for this phenomena. These are not the usual time-lapse images but high resolution video at 30 fps taken by special multi cameras with low light sensors. The audiences will experience sophisticated and still dynamic features of the real substorm.



AXIS MUNDI

Jonathan Knox (visuals), Darren Brito (sound); Scotland (9 min)

Short Film Night, Thursday

Blurring boundaries between real and imagined, where perception sparks new forms, new spaces and realms of the possible, 'Axis Mundi' retraces early artist's phenomenological inspiration for art, architecture and culture through contemporary technology and eyes. The once static, objective nature of laser scan data becomes the fluid, alchemic, living and breathing medium, taking viewers on a journey through environments past and present, known, and waiting to be found...

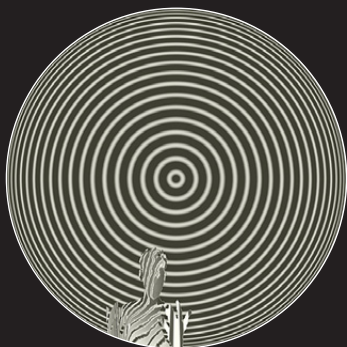


BEI DEN SCHWIEGERELTERN

Erhan Dogan, 1take Films, Offenbach (3 min)

Short Film Night, Thursday

Our short film is about prejudices between two parties. Nina, a young woman, introduces her new boyfriend to her parents at diner. But things turn out differently than expected.



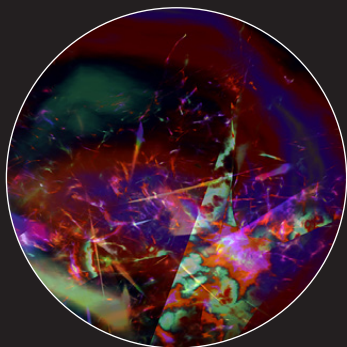
//World Premiere

CAMOUFLAGE

Javier Villegas, Pasadena, CA (2 min)

Short Film Night, Thursday

Camouflage is a game between mathematical figures that use the circular symmetries of the dome and a character trying to disguise inside the drawings. The story uses circles and periodic functions to create a sequence of different patterns that constitute a living and ever changing environment. But, how to hide in a jungle of sinusoids in all directions, quasicrystals and polar flowers in black and white? This clip is a small journey of defeat and success in the game of camouflage.

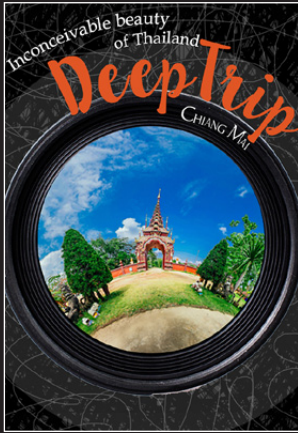


CELESTIAL CLUTTER

Chuck Csuri; COSI, Colombo, OH (13.5 min)

Short Film Night, Thursday

Celestial Clutter is the first full-dome work from Charles Csuri, the "father of digital art and computer animation". Charles Csuri has been working in the field of computer animation for over 50 years, with works included in the permanent collection of New York's Museum of Modern Art. Created in collaboration with COSI, the Center of Science and Industry in Columbus, Ohio, and The Ohio State University.

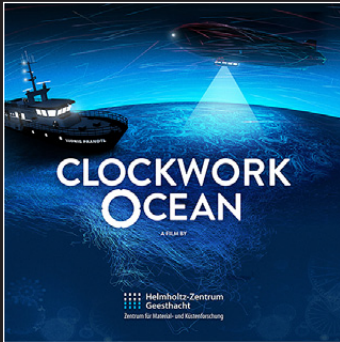


CHIANG MAI DEEP TRIP

George Aistov; FullDomeLab, Chiang Mai
(5 min)

Short Film Night, Thursday

Experience the beauty and colour of northern Thailand in Chiang Mai Deep Trip. This short film uses a combination of time lapse photography, long exposure times, fisheye lenses and shots from a drone platform to provide a unique perspective on the former Lanna capital. Visit, the old city and its moat walls, rural temples and gardens under the night sky. Travel from mountain tops to underground caves on a kaleidoscopic journey to immerse your senses.

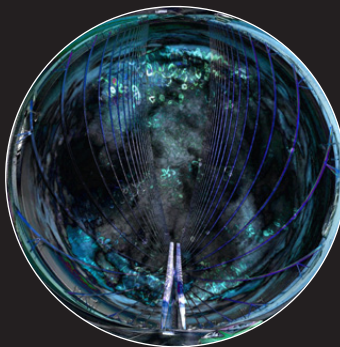


CLOCKWORK OCEAN

Ralph Heinsohn Artworks, Ocean Mind Entertainment, Helmholtz-Zentrum, Geesthacht

Short Film Night, Thursday

The investigation of small eddies in the ocean is currently one of the leading oceanographic topics. The exciting search for the eddies and their relevance for the global ocean and the world's climate is described in the fascinating fulldome production »Clockwork Ocean«. The fully animated movie is taking the observer from the deep ocean to space and back to the sea surface featuring the bioluminescence of sea creatures, a view of the ocean currents, and the unique scientific observations.



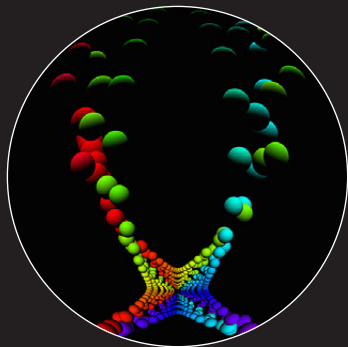
CLOUD9 SUNSHINE

Claudia Cumbie-Jones, Ringling College of Art and Design, Sarasota, FL (4 min)

Students' Night, Friday

(Short film by Fine Arts Department)

"cloud9 sunshine" is an evocative mood trip across the Sunshine Skyway over Tampa Bay. It is a wistful mix of natural and architectural beauty and the encroachment of population, shot with a six-camera Gopro rig and post-processed in After Effects.



COLOR CODE

Lance Ford Jones, Ringling College of Art and Design, Sarasota, FL (4.5 min)

Students' Night, Friday
(Short Film by Film Department)

A simple exercise of geometry and color exploring metaphors we employ to express ideas about our observations. What is our perspective? How do we approach or distance ourselves from a topic? How is it different to observe a process from the inside or from the outside? How do these choices distort our perception of reality? Created with a virtual 6 camera rig in the Processing computer language.



FLOWER UNIVERSE

NHK Enterprises/P.I.C.S, GOTO Inc. Tokyo (10 min)

Short Film Night, Thursday

Makoto Azuma is the flower artist, who launched the experimental botanical lab Azuma Makoto Kaju Kenkyusho (AMKK). He has been focusing on his project arranging flowers in all kinds of mundane situations that don't occur in the realm of nature. This show lets us experience his world. Brightly colored flower planet is taken by high-resolution 4K camera, emerges in the outer space filled in the dome. It is an experimental show as if travelling back and forth between flowers and universe as well as micro and macro world.



INTENSIONAL PARTICLE

Hiroaki Umeda, Tokyo (S20, as part of Mons 2015, European Capital of Culture)

Short Film Night, Thursday

When waterfalls and rivers are seen from afar, they seem to maintain static forms; yet, when one zooms into them in a microscopic level, they consist of ceaseless motions. Based on this concept, Umeda reinterprets the particles in space not as static molecules but as active particles. It visualizes the intensional force generated from Umeda's physical movement. Originally created as a dance work, Intensional Particle has been recreated into a dome installation.



LIFESTYLES OF THE STARS

Astral Inc., La Habra, CA (15 min)

Short Film Night, Thursday

See the stars and how they live. Learn who's hot and who's not. See the recluse, young, and old. Grab your tour map and climb aboard our AstroTours bus driven by a slightly wacky tour guide, who really knows his stellar evolution! The show is with brand new visuals.

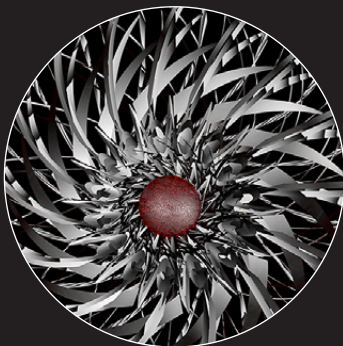


MANDALA64

Stefan Zaradic & Christoph Heyden, zara-production, Munich (15 min)

Short Film Night, Thursday

Fulldome spatial sound and video art installation.

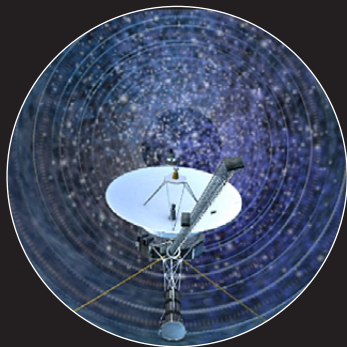


MULTIVERSES

Sean Caruso, Société des Arts Technologiques (SAT) (10 min)

Short Film Night, Thursday

A trip between dimensional planes, reaching beyond the observable universe and into imagined environments where the laws of physics are ever changing and unrecognizable to our own.



NOT EVEN ORION – GREETINGS TO THE UNKNOWN

Lorenz Erdmann & Ulli Palm, University of Potsdam & University of Applied Science, Potsdam (10 min)

Short Film Night, Thursday

This dome movie is a fictional and playful ride towards the uncharted territories in space. In 1977 the VOYAGER 1 probe has been sent into space to explore the planets Jupiter and Saturn. Since 2012 it has reached the edge of our solar system and continues to head towards the interstellar medium. The journey that follows only will be the matter for imagination...



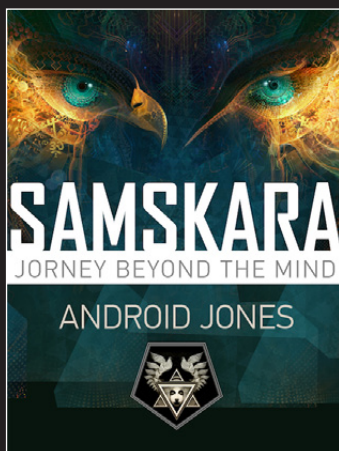
//World Premiere

OBSCUREWELTEN MUSIC

Wanja Hohmeier, Hamburg (5 min)

Short Film Night, Thursday

For the first time an ancient art of photography climbs onto the fulldome. With the help of a self-made panorama pinhole camera, images come to life. In the film we see a 360° of places in Hamburg that have traditionally been vibrant with music and artistic work. All photographs were taken without any lenses or electronic components and were stitched together to form a panorama taking us into a unique world, that looks rather hazy when compared to current modern photography.



SAMSKARA

George Aistov; FullDome Lab, (16 min)

Short Film Night, Thursday

The acclaimed digital artist Android Jones, in partnership with FullDomeLab, presents Samskara, a stunning visual journey into the mind. Jones' two dimensional art has been given depth, and combined with sacred geometry, to create a kaleidoscope of imagery never seen before. The soundtrack is composed by Jones' frequent collaborator "Tipper". "This is like being inside one of my paintings", says Android Jones, "you're not looking through the window at a painting, it's like you become a part of it."



The Secrets of Gravity
Softmachine (2 min)

Short Film Night, Thursday

Trailer of the newest full dome film from Softmachine.



SHADERTOY

Stefan Berke, Shadertoy community (5 min)

Short Film Night, Thursday

Selected shaders from shadertoy.com ported to the dome. Creative Commons.



//World Premiere

THE FIVE MASTERS

Hannes Wagner; Left Hand Media (7.5 min)

Short Film Night, Thursday

A fulldome fairytale based on Chinese shadow theater. A young man learns from five masters to defeat the yellow dragon, and changes the fate of his country forever.



//International Premiere

THE INCREDIBLE SUN

Pavel Karas, Brno Observatory and Planetarium (11 min)

Thursday, 7 pm

Every second the Sun emits million times more energy than the world consumes every year. Where does such a huge amount of power come from? Discover our star through breathtaking time-lapses. Thanks to the images taken by the Solar Dynamics Observatory, you will experience the true nature of the Sun and find out that it is far from being as calm as it seems at a first glance.



WINTER

Rocco Helmchen, Johannes Kraas (6 min)

Short Film Night, Thursday

A fulldome mood show capturing the magic of the world famous Raethian Railway in snowy southeast Switzerland.



**STUDENT
FILMS**



_VOID

**Eliezer Martinez, Ringling College of Art and Design,
Sarasota, FL**

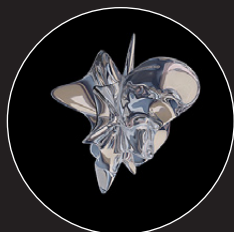
Explore the space in which the mind descends into when the colors of reality dissipate.



ARCHISculPTURES

**Dwayne Joe, IAIA College of Contemporary Native
Art, Santa Fe, USA**

Student time lapse and super lapse project about IAIA campus sculptures featuring the beautiful New Mexican landscape and the Institute of American Indian Arts campus.



ARTIFICIAL DAY RHYTHM

**Daria Jelonek, RCA Fulldome Research Group,
Royal College of Art, London**

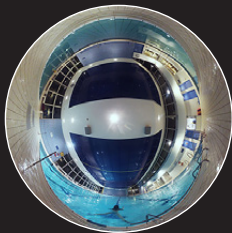
Artificial Day Rhythm is a short film which interprets the light of one day. Natural and artificial lights like the sun, smartphones, lamps and traffic lights etc. influence humans' natural rhythms. Created in a 3D space, this short film reflects those different light situations on a reflective particle in order to visualise the influence of different light situations on humans' rhythm.



AURELIO

**Johannes Ott, Hochschule Darmstadt, FB Media,
im Rahmen der Hessischen Film- und Medienakade-
mie hFMA**

Everyone knows it: The parents are going out and leave you alone at home for the first time. This is also the experience of Noa. Not that bad actually, but a storm is brewing. When lightning and thunder wakes him, getting back to sleep is impossible! When the power supply also fails, strange things happen that Noa has to face.



BEWEISE GENUG

**Denise Röhrig, Anne Pischulski,
Hochschule Darmstadt**

Sportive Mia enjoys her evening at the swimming pool. At home, her boyfriend Flo discovers nude photos of her in social networks. Flo alleges that she has an affair, Mia suspects stalking, Mia is helpless and desperate. She is seeking help from her friend Stephanie. But the way to Stephanie turns into a nightmare.



CELESTIAL FINGERS

**Josh Webb, Film Department, Ringling College of Art
and Design, Sarasota, FL**

The idea for "Celestial Fingers" spawned from the desire to film live action at a high enough resolution for the 4K area of the dome. I managed to get my hands on a Red Epic Digital Cinema camera that shoots 5K, and a fisheye lens. I then filmed two dancers performing an improvisation while they wore glowing, rave gloves. The light blazing and streaking in the film uses techniques similar to those used for light painting in photography.



CERNUNNOS

**Patrick Pomerleau, Sean Caruso, University of
Sherbrooke, Canada**

Will man be able to control the technology he has created, or will the technology destroy him, his works, and with it the entire human race?



CLAY HIGHWAY

**Ruben Olguin, University of New Mexico,
Albuquerque**

An experimental art film, looking at the physical and political lines of clay in the American South West. Influences of Indigenous and Spanish colonial conflict to contemporary problems of over harvesting resources. Using experimental techniques and animation to create a discomfoting visual ambience with the soundtrack exploring the modern sound environment of historical clay sites.



COYOTE AND EAGLE

Erica Moore,
IAIA College of Contemporary Native Art, Santa Fe

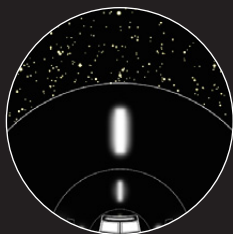
Student animation for the fulldome, based on a native American traditional story.



CREATURE

Sydney Issacs,
IAIA College of Contemporary Native Art, Santa Fe

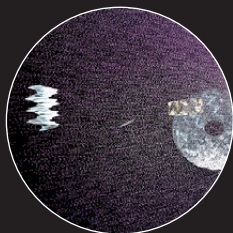
Student animation based on an original story/idea by student playing with the perspective of the dome and funny and surprising story line!



DESTINATION

Alexander Galanty, Motion Design Department,
Ringling College of Art and Design, Sarasota, FL

"Destination" is a travelling experience, seeing the night life of the artificially-lit, crowded city and the starry, peaceful countryside.



DISORDER

Perry-James Sugden, RCA Fulldome Research
Group, Royal College of Art, London

Disorder is a clip that explores a '4x4' grid of objects controlled by patterns and routes they take through space and time. The clip involves a visual journey. Through gaining an inside/up close view of objects, individual parts, exploring vast space and noise.



FECUND

**Irene Garibay Sánchez, Fine Arts Department,
Ringling College of Art and Design, Sarasota, FL**

Fecund intends to create a space of fertility where cosmology and placenta intertwine, where the Goddess is raw and rawness surrounds us. It is a universe of awakening, an invigoration of our primordial oceans, a reminder of our vulnerability for the world and our capacity of rebirth.



FROM SCRATCH

Samuel Zamorano, Hochschule Darmstadt

Birth and death are similar insofar that both reveal a new dimension to us. This includes a redefinition of ourself. Sascha is coming to Earth to go through the death ritual that is considered customary in his culture. On his journey through loneliness, security and hatred, he firstly discovers with full intensity the world of human emotions. Blanca, who emotionally attends the ritual, accompanies him on his journey.



FROST FOWLER

**Frosley Fowler,
IAIA College of Contemporary Native Art, Santa Fe**

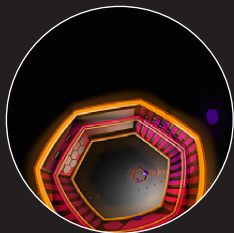
A student timelapse project with imagery from the IAIA campus and Santa Fe. About Native American migration and influences from European immigration and land use.



GODS

Jing Augusto-Wüthrich, Bauhaus University, Weimar

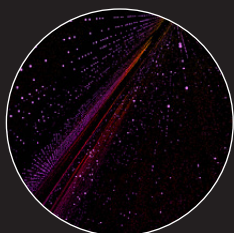
Welcome to the world of "scheerbartian" imagination, where humanly dimensions are twisted, and light, gravity and other physical elements defy boundaries. One of the worm spirits, Knipo, had always wanted to be an autonomous being by becoming a spherical star or a God. But first he must compete in a race and be one of the first million qualifier. He had joined this race in the past, will he make it to the end goal this time?



HIVE

Brianne Gagg, Motion Design Department, Ringling College of Art and Design, Sarasota, FL

An odyssey through a futuristic beehive after near extinction...



HYPERSPACE 2

Robert Walker, RCA Fulldome Research Group, Royal College of Art, London

A point cloud visualisation of IPv4 space.



KIKAKOKÚ!

Kate Ledina, Bauhaus University, Weimar

Kikakokú! is an homage to the psychedelic, dadaistic and fantastical world of the German author Paul Scheerbarth. As well as his eponymic sound poem, this is an ekoralaptic story, which has overcome the desire of being understood. The episode is part of the project "Ich liebe Dich! Paul Scheerbarth Fulldome Theatre" under the direction of Prof. Micky Remann, Immersive Media, Weimar Bauhaus University.



KRAZY DAN DECO

Samesha Singletary, Motion Design Department, Ringling College of Art and Design, Sarasota, FL

Krazy Dan Deco is a very strange man. We take a pattern filled journey inside his head seeing the many shapes and styles he thinks of daily. He sees nothing but patterns. The journey consists of Art Deco style patterns that are different from each other in many ways.



LUCENT MATTER

Sylvana Lautier, Rose Leahy, Kim Yip Tong, RCA Full-dome Research Group, Royal College of Art, London

Capturing the feeling of wonder and awe that science theory and the night sky can inspire, *Lucent Matter* follows the life cycle of a star. The film is composed of animated footage of ink, water and material experimentations to visualise the intangible and unreachable nature of the Universe. Creating an emotional response in the viewer, this sensitive and aesthetic approach seeks to challenge classic digital planetarium visualisations of space imagery.



McKENNAI

Yilmaz A. Sazak, Fine Arts Department, Ringling College of Art and Design, Sarasota, FL

"McKennai" is inspired by a bonding experience I shared with my father. I collect stones and glass marbles, and I was spinning my stones on the dark wooden floor. The floor is so perfectly imperfect that the stones would create their own paths on the wooden floor. My father decided to sit with me on the floor and spin them with me and see where the dents in the floor would lead them. It was really amazing to connect with him on such a basic playful level.



OM MANI PADME HUM

Jordan Daher, Fine Arts Department, Ringling College of Art and Design, Sarasota, FL

This piece is an expression of universal connections, frequencies, patterns and energies that ebb and flow from within us all. Om Mani Padme Hum means that in the dependence on the practice of a path, which is an indivisible union of method and wisdom, you can transform your impure body, speech and mind into the pure exalted body, speech, and mind of a Buddha.



PART V – FURY

Daniel Pelaez, Bauhaus University, Weimar

After breaking free from the unknown, the Worm Spirits embark on a journey through different worlds as they attempt to exploit their freedom. Nonetheless, it comes at a price.



PRELUDE TO A RACE

Maria Lopez Valdez, Bauhaus University, Weimar

Prelude to a Race is a short animation that explores the silliness of space through its bizarre floating gear ships and comical alien characters. The brilliant Paul Scheerbart sound poems bring to life the playful imagined languages that fill the fulldome space. This sound driven animation tries to bring the audience out of this world and to a world far beyond our stars.



PROTOKOLL_001

Sriram Srivigneswaramoorthy, HfG Offenbach

Idelogy, identity, idiosyncrasy.



PUEBLO REVOLT

Rubin Olgin, Adam Davis, Delfino Castillo, Felicia Nez, IAIA College of Contemporary Native Art and UNM ArtsLab, Santa Fe

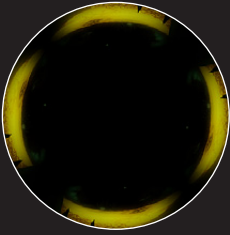
A student collaborative project with students from IAIA and UNM ArtsLab collaborating on a film project during a 6 week internship. Film subject is the 1680 Pueblo Revolt in New Mexico.



RACE TO FREEDOM

Ramiah Lemma Eshetu, Mohammad Jaradat, Bauhaus University, Weimar

Inspired by Paul Scheerbart's book "The great race", a group of worm spirits journey towards freedom from the cage they are imprisoned in. The spirit creatures take the audience with them on their quest to become Gods. Fighting their way out of a gloomy environment, they break free from an egg shaped dome to be part of the universe on a higher level.



RE: HIDE

Liliane Buckler, HfG Offenbach

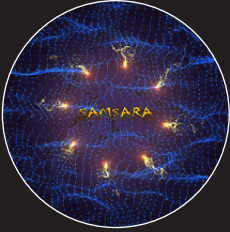
Beneath the smooth surface it is seething, the calm is an illusion. What's roasting in the depth wants to breath air. Who comes back from there sees the world with new eyes – there's no blood in good crime thrillers.



RHYTHM WALK

Anna Dakin, RCA Fulldome Research Group, Royal College of Art, London

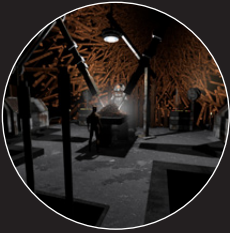
Inspired by the experience of deep thought induced by long distance walks. The human body in motion creates a rhythm; hip joints roll, knees bend and ankles flex, on one side of the body then the other. I believe this rhythm is embedded in the human subconscious and encourages a contemplative state. In urban environments attention is directed to the external world by loud sonic and architectural information. RhythM Walk intends to re-direct attention internally.



SAMSARA

Haoran Zhou, Yuxiang Tang, Shuangyan Liu, Wenyue Qi, Sheng Feng, Jing Yang, The College of Arts and Media, Tongji University, Shanghai

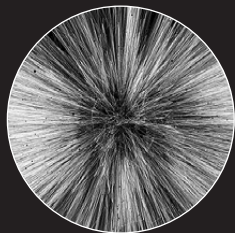
"Samsara", a word that inspired the creation of this short film, means the circulation of lives in Tibetan.



SCALARAT

Nicolas Gebbe, HfG Offenbach

A tortured soul finds itself in a seemingly hopeless situation. He takes refuge in his self-created dream world to escape from his sorrow. There he creates the Scalarat, which allows dreamers to break free.



SONAR

Kelly Spanou, Royal College of Art, London

Pulses of sounds, dots and lines transform the spherical space of the dome into an amorphous landscape with undefined boundaries and endless depth. The end is a beginning...



STOP SELF-IMMOLATION

Deepak Maharjan, IAIA College of Contemporary Native Art, Santa Fe

A student from Nepal did a contemplative work on the Tibetan people and self-immolation. Film winner in the IAIA Cinematic Arts & Technology Department yearly cinematic awards. Best Dome Production.



TEMPEL

Olga Falko, Diana Suyerbayeva, Bauhaus University, Weimar

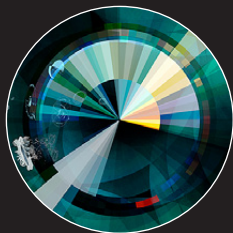
In this episode – "The Temple!" – from Paul Scheerbart's book "The Great Race", the main character Knipo with other worm spirits continues racing to become gods. At that stage of the race, they will encounter mysterious Temple where they experience and see unusual things...



THE COLORED MOONS

Sonia Tiosanto, Bauhaus University, Weimar

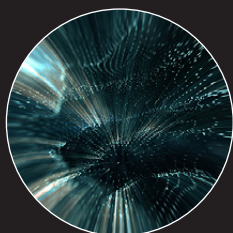
In this story from Scheerbart's "Ich liebe Dich!" novel, ten colored moons wonder what the beloved central star which they are orbiting might want from them. Different things have been attempted to attract the great star's attention, but without success. Until one time the crimson moon realized what the beloved had been wanting all these many million years: that he too should become a central star.



THE LIGHT OF HOME

**Michaela French, RCA Fulldome Research Group,
Royal College of Art, London**

Memories of home are often entwined with our experience of the quality of light from a specific place. 'The Light of Home' combines layered imagery of imagined worlds with durational daylight observations and multi-channel surround sound to explore the emotional relationships between light, memory and place.



THE SCREAM

**Joseph Correa, Film Department, Ringling College of
Art and Design, Sarasota, FL**

"The Scream" is an abstract music video set to the tune of AKA GEORGE's 'The Scream'. The piece utilizes Trapcode Form and Trapcode Shine along with abstract three-dimensional shapes modelled in Blender to create ethereal landscapes and worlds mimicking a visual representation of the neural connections in the human mind.



THE SHADOW

Joanna Saleta, University of Silesia, Poland

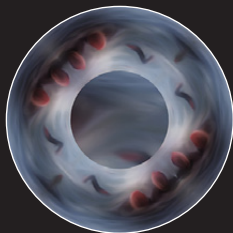
A space station is destroyed by an unknown entity. A lone survivor is trying to reach an asylum on a mysterious planet...



TOWARDS HEAVEN

**Petar Kosic, Bigyan Mani Dixit, Bauhaus University,
Weimar**

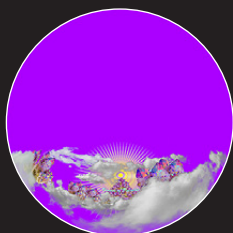
Expelled from Heaven, two worms are caught in a mad pursuit to go back towards heaven. The worms are forced to overcome many difficulties and strange situations on their way back to Heaven.



TRAUMFUND

Liliane Buckler, HfG Offenbach

In-between. On a way through inner representatives between familiarity and the unknown in search of reality.



VISIONS OF PARADISE

Alice Kilkenny, RCA Fulldome Research Group, Royal College of Art, London

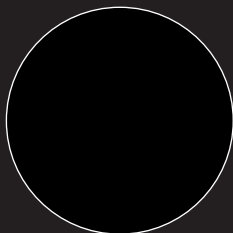
Inspired by Dante's Paradiso, this vision of a "technological sublime" shows the type of transcendental, transformative experience that could be possible at the frontiers of science. It looks at how technologically mediated experiences have changed from being mechanical to more virtual and intangible. This shift of power from divine nature places the human at the threshold of a new technological reality, and is explored through the interplay of iconography between body, technology and immortality.



VOICES FROM AFAR

Jelka Kretschmar, Royal College of Art, London

Voices from afar is a collage of migrating people speaking about their personal experience and memories. The spacial arrangement shall respond to global world we swing in. Where some people are free to be everywhere and others are dragged into corners they can't get out. This work tries to highlight the personal experience and is visually very quiet to stimulate the direct contact to the voices.



WHITEWASH

Hyeseon Jeong, HfG Offenbach

Limited freedom of expression in South Korea.

SPECIALS

// World Premiere „ICH LIEBE DICH“ – PAUL SCHEERBART REVUE IN THE FULLDOME THEATRE

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

The interplay of earthly train ride (theatre), and a far-fetched cosmic episodes (fulldome) mirrors the structure of the original Paul Scheerbart novel "Ich liebe Dich! – Ein Eisenbahnroman mit 66 Intermezzos". Written in the year 1897, but conceptually way ahead of his time, it is a perfect literary springboard to



dive into the genre of fulldome theatre, a new branch of immersive media. „Ich liebe Dich“ was designed and staged by independent artists and students of the Weimar Bauhaus-University under the direction of Prof. Micky Remann. Many parts are in German but an introduction will be given in English.

RÉSONANCES BORÉALES

Thursday, 11:00 pm

Equipped with an piano planted in the rock of the Canadian Shield, sitting on the edge of the taiga, Roman Zavada pushed his own creative boundaries by getting inspiration from one of the most majestic and grand phenomena on our planet: the northern lights. A colourful im-



mersive show in which Roman Zavada presents a dialogue between the grand piano's resonating strings and the auroras filmed in real time and 360°. Dive into the heart of the boreal forest, under the polar lights, for an incomparable and unique experience.

//World Premiere "CASES. A HOME STORY" STUDIO VOKAL APOLDA

Friday, 11:00 pm

Come join us on a trip of a stranger in a story of multiple arrivals. Serious or fearful, inspiring, humorous or misleading – each new destination is pushing the realm of the imagination beyond the limits of personal experience. In a certain way the traveler

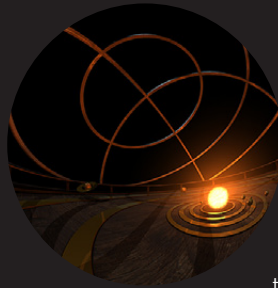


becomes "frameless", sometimes ending up in a "frenzy". Countless travelers will come together for the 10th FullDome Festival. What is in their luggage? Where are the special cases, the precious memories? The result may surprise you.

**//World Premiere "I FEEL AIR FROM ANOTHER PLANET ...":
A SPATIO-TEMPORAL TRANSFORMATION**

Thursday, 10:45 pm (presented and introduced in the workshop section)

The projection planetarium, invented in Jena around 1920, is a technical medium that transforms the whole spatio-temporal environment. So the story of the „Wonder of Jena“ should also be told via such a transformation. The fulldome video "I feel air from another planet ..." starts in a balmy summer night under the starry heav-



ens of 18th-century Germany and ends up with the space travel hype and the psychedelic movie-drome experience of the 1960s. Thus the planetarium initially invented as a device for astronomical demonstrations finally turns out to be a training ground for what it means to live a life totally immersed in technology.

TALKS PRESENTATIONS WORKSHOPS

New!

Frameless Frenzy Forum: Thursday, 11:30 and Friday, 11:00

Make a statement and leave an impression at the "Frameless Frenzy Forum"! We introduce this new space inside the Jena FullDome Festival to invite short, colourful presentations. The Frameless Frenzy Forum is welcoming prepared and/or spontaneous presentations (5 minutes each). It is the perfect arena to introduce your fulldome and immersive project, cooperations, standards, updates, technologies, ideas, experiences, announcements, innovations and revelations.

THURSDAY

MAY 26

10:00 **Future Cinema. Conversion of image dramaturgies in context of new technologies**

Maren Kießling

From the beginning of distribution of digital content in cinema, the technological production and projection possibilities seem to develop at cyberspeed. Stereo 3D, Higher Frame Rate (HFR) and high-resolution images are taking over the big screen. New projection possibilities are researched, which go much further than the previously known flat screen. The holographic image begins to rise. Current and expected future technologies will define cinema in five, ten, 20 years. But what about the dramaturgical and pictorial content? Is it able to be up-to-date, is it considered yet or thought over? Should it adapt the new possibilities?

10:45 **World premiere „I feel air from another planet...“:
A Spatio-Temporal Transformation**

Prof. Hans-Christian von Herrmann

The fulldome video „I feel air from another planet ...“ starts in a balmy summer night under the starry heavens of 18th-century Germany and ends up with the space travel hype and the psychedelic movie-drome experience of the 1960s. Thus the planetarium initially invented as a device for astronomical demonstrations finally turns out to be a training ground for what it means to live a life totally immersed in technology. T This fulldome video is the result of a research project on the cultural history of the planetarium conducted at Technische Universität Berlin in cooperation with Planetarium Hamburg. It has been funded by Deutsche Forschungsgemeinschaft (DFG).

11:30 **Frameless Frenzy Forum:**

Slow-Time in Time-Lapse

Presenter: Michael Schomann

Ideas to make Fulldome Time-lapse smoother. Relax and sit back.

Interactive 360° Arch Vis Demo

Presenter: André Wünschler

3D-visualization of buildings, architecture plans, sites with web interface.

FRIDAY
MAY 27**10:00** **"How to sketch fulldome presentations" – an interactive presentation about an ongoing PhD research project****Danwei Tran Luciani**

The inability to easily and quickly sketch early ideas is a significant challenge in creating fulldome presentations. As part of an ongoing PhD research project, possible solutions to enable sketching are being explored with the focus is on interaction techniques. You will get to see different possible ways of sketching and you are most welcome to join in on the discussion about what is needed to enable sketching fulldome presentations. PhD research project conducted by Danwei Tran Luciani, a PhD student at Linköping University in Sweden.

10:45 **How to create immersive audio content for FullDome and VR applications****Tom Ammermann**

Impressive new possibilities are available to reproduce AV presentations in Domes and on VR Devices. Furthermore VR devices like Oculus, Samsung Gear and Steam Vive over video content monitoring in the production for dome applications. But monitoring the audio experience in a dome as well as creating immersive audio content for VR application is a task for its own. How to do that, tools as well as demos will be shown in this presentation.

11:00 **Frameless Frenzy Forum**

The Secrets of Gravity, Presenter: Peter Popp, Softmachine
Short introduction of the newest fulldome film from Softmachine.

Shadertoy, Presenter: Stefan Berke

www.shadertoy.com is a collaborative open-source platform for state-of-the-art visualization techniques and digital artworks. This talk is about porting shadertoy programs to the dome, using general principals that can be applied in many of today's 3D environments. Practitioners are encouraged to ask dangling questions during the whole festival.

Snize, Presenter: Jacqueline Dittrich, Mediendom Kiel

Snize is the only multiplayer-game in the Digistar Universe for up to 4 players. Based on the classical "Snake" game each player controls his own snake in the dome and tries to stay alive as long as possible. The 360°-field of the dome turns the game into a special experience.

SATURDAY

MAY 29

10:00 Immersive Dreams and Domes

Marina Masic

An exploration into contemporary dome art and its ability to serve as a space of wonder, stimulation and healing. Marina Masic will discuss her journey in designing multi sensory environments, social sculptures and the integration of dome. Points of departure include: Dream landscapes, ancient rituals, rites of passage, futuristic spaces, form/ function, technological inquiry, "Immersion", "Interactivity" & the alchemy of it all.

10:45 Directing the glance - Narrating in 360°

Hannes Wagner

What kind of stories can I tell in Fulldome and VR? Every kind! Important is how you do it. Directing the glances of the viewers is the main task a filmmaker has inside an infinite environment. What are the dominant ways of scenic thinking? What tools are there for your picture, your narration on a surround stage to keep the viewer inside the action? This workshop will explore some examples of how to position the viewer in relation to the 360-degree dome. Because that's the basic principle of immersion: You are inside the action.

11:15 The Jena FullDome-Festival Past-Present-Future

The FullDome Festival Directors

The 10th Jena FullDome Festival is a milestone in our effort to support and promote the evolving medium. Started as an inconspicuous students' festival it has become a major international gathering of experts and enthusiasts. Time to stop and reflect: What went well, what is redundant, what are the chances and challenges for a successful future?

ONGOING PRESENTATIONS

MAY 26-28, Morning

DOMZELT DEUTSCHLAND
PRESENTER

Lobby

Mobile 3,5 m dome in action

LUCIA LIGHT OASIS

Seminar Room

The Lucia N°03 provides a deep nervous system relaxation while simultaneously providing a unique transcendental journeying experience.

PROGRAM AT A GLANCE

🌅 DOME (Planetarium)

▲ LOUNGE (Tent)

WEDNESDAY, MAY 25

🌅 19:00 Grand Opening: Premiere of "Ich liebe Dich!"

THURSDAY, MAY 26

🌅 10:00 Maren Kießling: Future Cinema.

🌅 10:45 Prof. Hans-Christian von Herrmann: World Premiere "I feel air from another planet...": A Spatio-Temporal Transformation

🌅 11:30 Frameless Frenzy Forum:
Slow-Time in Time-Lapse, Michael Schomann
Interactive 360° Arch Vis Demo, André Wünscher

▲ 12:00 Lunch Break

🌅 Show Schedule - Fulldome Films

13:00 From Earth to the Universe, Theofanis Matsopoulos & ESO

13:30 Capturing the Cosmos, Melbourne Planetarium

14:00 Biography of the Universe, Astral Inc.

▲ 14:30 Break

🌅 15:00 Amazing Planets, Brno Observatory and Planetarium

15:45 Edge of Darkness, Evans & Sutherland

16:15 We Are Stars, NSC Creative

▲ 16:45 Break

🌅 17:15 Do We Drink Water From Comets? Techmania Science Center

18:00 Solar Superstorms, Spitz Creative Media et al

18:30 Incoming! Asteroids, Comets, and the Hard-Hitting Stories of Our Cosmic Origins, California Academy of Sciences

19:00 The Incredible Sun, Brno Observatory and Planetarium

▲ 19:15 Break

🌅 20:00 Short Film Night: 21 international short films

🌅 23:00 SPECIAL: Resonances Boreales, Society for Arts and Technology
SAT, Montreal with Roman Zavada at the Grand Piano

PROGRAM AT A GLANCE

🌑 DOME (Planetarium)

▲ LOUNGE (Tent)

FRIDAY, MAY 27

- 🌑 10:00 Danwei Tran Luciani: How to sketch fulldome presentations
- 🌑 10:45 Tom Ammermann: How to create immersive audio content for FullDome and VR applications
- 🌑 10:40 Frameless Frenzy Forum:
The Secrets of Gravity, Peter Popp, Softmachine
Shadertoy, Stefan Berke
Snize, Jacqueline Dittrich, Mediendom Kiel
- ▲ 12:00 Lunch Break
- Show Schedule - Fulldome Films**
- 🌑 13:00 Closer to the Stars, Brno Observatory and Planetarium
- 13:30 Rosetta, Fulldome Film Society, Fisheye Vision, FullDomeLab
- 14:00 KAGAYA's AURORA, KAGAYA Studio
- ▲ 14:30 Break
- 🌑 15:00 An Immortal Telescope, Theofanis Matsopoulos
- 15:30 Remains of the Dinosaurs, Toppan Printing/Konica-Minolta
- 16:00 GALAXY KIDS: A Star With My Name, Tak Hoon KIM
- ▲ 16:30 Break
- 🌑 17:00 Life under the Arctic Sky, Winner Audio & Video Corp, Behind the Scenes Media, Mirage3D
- 17:45 The Secret World of Moths, Nordic Fulldome Production
- 18:15 Take Flight, Morehead Planetarium and Science Center
- 18:45 Asteroid: Mission Extreme, Sky-Skan and National Geographic Studios, Lockheed Martin
- ▲ 19:15 Break
- 🌑 20:00 Students' Night
- 🌑 23:00 "SPECIAL: CASES. A HOME STORY"
STUDIO VOKAL APOLDA

PROGRAM AT A GLANCE

🌑 DOME (Planetarium)

📍 LOUNGE (Tent)

SATURDAY, MAY 28

- 🌑 10:00 Marina Masic: Immersive Dreams and Domes
- 🌑 10:20 Hannes Wagner: Directing the Glance – Narrating in 360°
- 🌑 10:40 The Jena FullDome-Festival Past – Present – Future
- 📍 12:00 Lunch Break
- 📍 12:00 Show Schedule - Fulldome Films
- 🌑 13:00 World 2 War, Dutch Tilt Studios
- 13:45 Origins, Borkel-Art Pro
- 📍 14:30 Break
- 🌑 15:00 Sound and Visuals for Panic Attacks, COSI
- 15:30 Space Rock Symphony, Jena Zeiss-Planetarium
- 📍 16:30 Break
- 🌑 17:00 Once and Future Cities: A Fractal Journey, Pragmatic Consulting LLC
- 17:45 Jules Vernes Voyages, Ralph Heinsohn, Rocco Helmchen, Tobias Wiethoff
- 18:45 Art Universe, David Gardner & Chris Saunders/George Aistov
- 📍 19:00 Break
- 🌑 20:00 FullDome Festival Gala with JANUS-Award Ceremony and finalists' shows. Jury award decisions announced. Audience Award decided by ballot. Special dance performance by Tanztrio Vainno and Fanfarista trumpet duo.

SUNDAY, MAY 29

- 🌑 11:00 "Ich liebe Dich" - Matinee-Performance

THANKS
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Carl Zeiss AG, Planetarien

FullDome Festival Award Sponsors

Carl Zeiss AG

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

Institut für Aqua Wellness, Musia Heike Bus

- »Best in Emphasis on Emotion Award«

Sky-Skan, Inc.

- »Innovative Use of Production Technology Award«

FullDome Festival Patrons



Domezelt Deutschland



Institut für Aqua Wellness



NSC Creative



Softmachine



Sky-Skan, Inc.



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Zeiss-Planetarium Jena
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