

Name	Format	Publisher
01_Reichenbach_1920	mov	Diana Reichenbach
A Way to Infinity	Mov	Observatory and planetarium in Hradec Králové
A_Glorious_Dawn_1k_MPEG2	mpg	OTT Planetarium
Alien Life	Mp4	NorthDock
Amazing India	Mp4	Fulldome Lab
ArtScienceWonder_2048	mov	Ward Beecher Planetarium
Asteroid Discovery	Mp4	Fiske - Manley

Asteroid Impact	mov	ESO ESA
Back to the Moon for Good	Wmv	NSC Creative
Belize Scuba Diving	Mp4	Museum of Science
Cambodia Angkor Wat	Mp4	Fulldome Lab
Cell Cell Cell	mov	NSC
ClockworkSkies_2048	mov	OTT Planetarium
Colosseum Flythrough	Mp4	
Cosmic Castaways	wmv	Ward Beecher Planetarium
Cosmic Footprints	Mp4	Deep Space TV - NASA

Cosmic Origins Spectrograph	Mp4	Fiske
CosmicCastaways_1024x1024	wmv	Ward Beecher Planetarium
Cosmogonias_Caleidoscopicas_1536	Mov	Domo Animato
Cosmology	Mp4	Casper Planetarium
Cycle	Mp4	Museum of Science
Dark	mov	IVEC @ Uni of Western Australia
Dark Matter Mystory 1.5k_ENG	Mp4	Planetarium and Observatory Laupheim
Dark1920_h264_high	mov	IVEC @ Uni of Western Australia
Das Neue Planetarium	Mp4	Rocco Helmchen
De Havilland Aircraft	Mp4	Fulldome Reality
Distant Worlds Alien Life (long)	mov	LWL Planetarium

Distant Worlds Alien Life (short)	Mov	LWL Planetarium
DIY Planetarium	Folder	
Dream to Discovery	Mov	Museum of Science
EFT	Mp4	Fiske
Einstein's Gravity Playlist	Mp4	Montana State University
electronic night (fulldomevideo short version).	Mp4	
Enigma	Mp4	Aayushi Fulldome Films
Epsilon_aurigae-1024en	avi	Citizen Sky
eso-From Earth to the Universe	Mp4	ESO
eso-Journey to the Centre of the Milky Way	Mp4	ESO
EuropaPark	Mp4	
Europe to the Stars	Mps	ESO
Exoplanet	Mp4	Casper Planetarium
Exoplanet Trapist 1	Mp4	Deep Space TV - NASA

Fronteras (Borders - Spanish)	Mov	Planetario de Medellín
Fulldome Content Space Imagery	Folder	ESO ESA
Fulldome Content Various	Folder	ESO ESA
Fulldome Films	Folder	ESO ESA
Fulldome_Geometry_1536	Mov	University of Western Australia
Future Memory ADVISORY Features a nude or topless dancer	Mp4	Company of Felicity Arts
Future Memory ADVISORY Features a nude or topless dancer	Mp4	Company of
Future of Human Space Exploration (NASA_FOHSE)	Mpg	NASA
Galaxies	Mp4	Casper Planetarium
Himalayan Dreams	Mp4	Fulldome Lab
HR Diagram_1600px	Mp4	Ritter Planetarium
IBEX		Adler Planetarium
IBEX_main_show_2K	mov	Adler Planetarium
IDA - Loosing the dark	mpg	IDA Loch Ness Productions
Infinite_Horizons	mov	Diana Reichenbach

IPS_2012_Intro_1920	Mov	IPS
Jagannath Astaka	Mp4	Fulldome Lab
Journey to Mars	Mov	NASA
Legendary Psychasthenia	mov	Alexander Hager
Light	Mov	Zeiss
Lights	Mp4	Fulldome Art
Lionel Ruis	Folder	
LiquidLightFlow	Mp4	
Losing the Dark	mov	Locj Ness Productions
Magic Island	Mp4	Fulldome Lab
Max Goes to the Moon (Work in Progress)		Fiske
Mayan Archaeoastronomy - Observers of the Universe	Mp4	ESO / Frutos Digitales
MonstersOfTheCosmos_1536	Mov	Symphony of Science

MUSCLES	Mp4	Fiske
NASA ISS	Mp4	NASA
New Horizons for a Little Planet	mov	Hartnell College Planetarium
OpticalNervousSystem_1536	Mov	Elumenati.com
Out There – Quest for Extrasolar worlds	Mov	ESO ESA
Phantom of the Universe	Mp4	NSE/ATLAS
Return to the Moon	Mp4	Deep Space TV - NASA
Seeing	Mp4	Zeiss
Seeing! A photons Journey	Mp4	Zeiss
Sentient	Mp4	Museum of Science
Shining Light on the Stars (H-R Diagram)	Mov	Ritter Planetarium
SizingUpSpace_2048	mov	Mercury Open Project
SpaceShapes_2048	mov	Luna Open Movie
Splat_1920x1080	Mov	Denver Museum of Nature and Science
Start here!!! Vortex	Mp4	Vortex
Sunstruck_Show_1920x1920_Stereo	wmv	Michigan Science Centre

SwissTrilogy_City	Mp4	
SwissTrilogy_Mountains	Mp4	
SwissTrilogy_Water	Mp4	
The Amazing Telescope -TSPOG	Mp4	ESO
The Hot and Energetic Universe	Mp4	ESO
The Trench	Mp4	Fulldome Reality
The Unknown Between	Mp4	Museum of Science
The_Incredible_Sun_EN_2k	Mp4	Brno Planetarium
This is Our Sky		OTT Planetarium
Touching the Edge of the Universe	Mp4	ESO ESA
Tren_Italia_Reichenbach_1920	Mov	Diana Reichenbach
Uncharted Domain	Mp4	Museum of Science
VegasLights.	Mp4	
VJ loops	Mov	Vaiious
WaitingFarAway_1k	Mov	Museum of Science

WalkingwithLight	Mp4	
Wansui	mov	Alexander Hager
We are Aliens	Mp4	NSC
What Tau Sounds Like	Mp4	Museum of Science
Wilbear's Adventure.mpg		Ward Beecher Planetarium
Winter.	Mp4	
Written on the Body	Mp4	
The Sun, Our Living Star	Mp4	ESO
Mexica Archaeoastronomy: between space and time	Mp4	ESO
Earth, Sun, Moon	Mp4	NKU

Run time	Type	EY	KS1	KS2	KS3	KS4	KS5	Adult	Source	Which disk
8mins	Short	y	y	y	y	y	y	y	BFI	
14 mins	Movie					y	y	y	BFI	
4m10s	Short	?	y	y	y	y	y	y	Emerald	Primary
52 mins	Movie		?	y	y	y	y	Y	Emerald	Secondary
5mins	Short	y	y	y	y	y	y	y	Fulldome Lab website	
6mins	Short		y	y	y	y	Y	y	BFI	
4mins	Short				y	y	y	y	Fiske	

8mins	Short					y	y	y	ESO	
24m40s	Movie	?	?	y	y	y	y	y	Emerald	Primary
4mins	Short	y	y	y	y	y	y	y	Charles Hayden Planetarium, MOS	
5mins	Short	y	y	y	y	y	y	y	Fulldome Lab website	
24m	Movie			y	y	y	y	y	NSC	
4m38s	Short	?	y	y	y				Emerald	Primary
30sec	Short	y	y	y	y	y	y	y	Youtube	
20m	Movie		y	y	y	y			BFI	
16mins	Short			y	y	y	y	y	YouTube channel	

28mins	Movie				y	y	y	y	Fiske	
20m	Movie	?	Y	Y	Y	Y			Emerald	Primary
3 mins 30 sec	Short			y	y	y	y	y	BFI	
28mins	Movie				y	y	y	y	Casper	
7mins	Short	y	y	y	y	y	y	y	Charles Hayden Planetarium, MOS	
20m	Movie					Y	Y	Y	BFI	
38m	Movie					Y	Y	Y	Emerald	Primary
20m	Movie					Y	Y	Y	Emerald	Primary
5mins					y	y	y	y	Rocco Helmchen	
5mins	Short	y	y	y	y	y	y	y	Fulldome Reality	
50mins	Movie				y	y	y	y	BFI	

30mins	Movie				y	y	y	y	BFI	
								Y	BFI	
varies	Doc				y	y	y	y	Charles Hayden Planetarium, MOS	
2mins	Short		y	y	y	y	y	y	Fiske	
23mins	Movie				y	y	y	Y	Emerald	Secondary
		y	y	y	y	y	y	y		
14mins	Short				y	y	y	y	BFI	
6m	Short	?	?	y	y	y	y	y	Emerald	Primary
31m	Movie				y	y	y	y	Emerald	Primary
7m	Short				y	y	y	y	Emerald	Primary
		y	y	y	y	y	y	y		
									ESO	
30mins	Movie					y	y	y	Casper	
1min 17sec	Intro			y	y	y	y	y	YouTube channel	

5 mins	Short	y	y	y	y	y	y	y	BFI	
9mins	Short	y	y	y	y	y	y	y	Fulldome Lab website	
10mins	Short	y	y	y	y	y	y	y	ES	
5mins	Short				y	y	y	y	BFI	
7mins	Short			y	y	y	y	y	BFI	
1 min	Sample	y	y	y	y	y	y	y	Fulldome art website	
					y	y	y	y		
		y	y	y	y	y	y	y		
6 mins	Short			y	y	y	y	y	BFI	
7mins	Short	y	Y	y	y	y	y	y	Fulldome Lab website	
30mins	Movie	?	y	y	y	y	y	y	Fiske	
20m	Movie			y	y	y			Emerald	Primary
3mins 45 sec	Short			y	y	y	y	y	BFI	

7mins	Short				y	y	y	y	Fiske	
12mins	Short	y	y	y	y	y	y	y	ES	
6mins	Short			y	y	y			BFI	
2 mins	Short				y	y	y	y	BFI	
				y	y	y	y	y	ESO	
28m	Movie			y	y	y	y	y	Emerald	Primary
6mins	Short			y	y	y	y	y	YouTube channel	
27min	Movie				y	y	y	y	ESO	
27mins	Movie			?	y	y	y	y	Emerald	Secondary
35mins	Movie	?	y	y	y	y	y	y	Charles Hayden Planetarium, MOS	
15m30s	Short					y	y	y	BFI	
12m	Short		?	y	y	y	y	y	Emerald	Primary
9m	Short		?	y	y	y	y	y	Emerald	Primary
2 mins	Short	y	y	y	y	y	y	y	BFI	
1m30s	Demo		y	y	y	y	y	y	Emerald	Primary
21m	Movie			y	y	y	y	y	Emerald	Primary

		y	y	y	y	y	y	y		
		y	y	y	y	y	y	y		
		y	y	y	y	y	y	y		
22m	Movie				y	y	y	y	Emerald	Primary
30m	Movie			y	y	y	y	y	Emerald	Primary
2mins	Trailer			y	y	y	y	y	Fulldome Reality	
23mins	Movie	?	y	y	y	y	y	y	Charles Hayden Planetarium, MOS	
11m	Short			y	y	y	y	y	Emerald	Primary
20mins	Movie	Y	Y	Y					OTT	
2mins	Trailer			y	y	y	y	y	ESO	
4mins	Short	y	y	y	y	y	y	y	BFI	
29mins	Short	?	y	y	y	y	y	y	Charles Hayden Planetarium, MOS	
		y	y	y	y	y	y	y		
Various	Short	y	y	y	y	y	y	y	BFI	
11m	Short				y	y	y	y	Emerald	Primary

Folder

Shows

\Fulldome\Emerald
d2

Shows

Shows

Shows

Shows

Shows



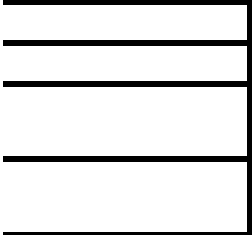
\Fulldome\Emerald2

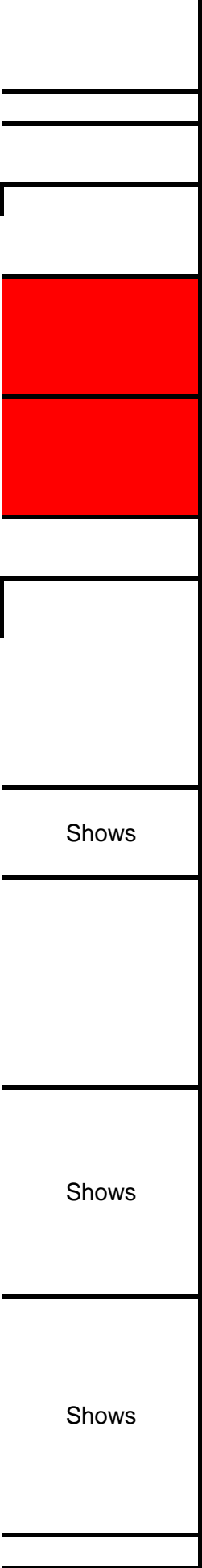


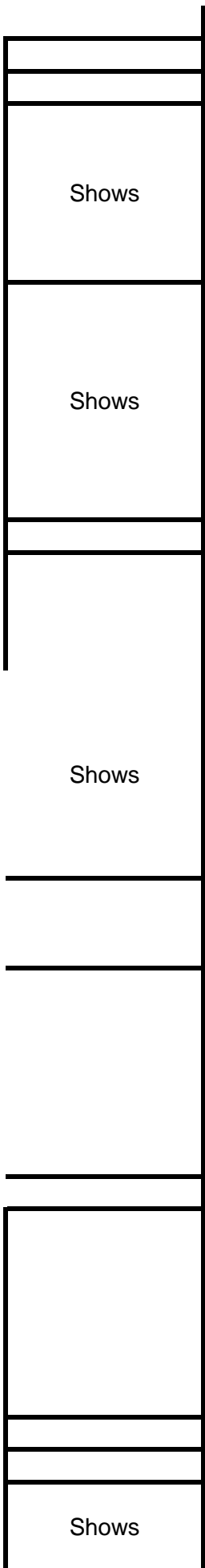
Shows

Shows

Shows







Shows

Description

0.1. is an immersive full-dome animated film exploring the evolution of human perception. As digital interactions become closely integrated with tangible reality, a hybrid environment is formed.

A Way to Infinity is a full-dome documentary for digital planetaria that brings the audience on a journey into the understanding of the mathematical nature of Infinity, and its relation to the Universe.

:

The show is intended for high school students and adults. :

The soundtrack is based on unconventional jazz music by Kevin MacLeod in the movie, with a piece from Chris Martyn & Geoff Harvey.

Featuring:

“A Glorious Dawn” :

Musical Arrangement and Remixed Video:

John Boswell - The Symphony of Science:

symphonyofscience.com:

Planetarium Adaptation Produced at:

The 2011 Blender Production Workshop:

Ott Planetarium - Weber State University

Amazing India takes the audience on a mesmerizing journey through rural and urban landscapes.

Float across fields and mirror-flat lakes. Observe changing skies and bustling towns through time-lapse photography. Visit Ekachakra, the holy birthplace of Nityananda Rama and explore sacred Vrindivan, the childhood home of Lord Krishna, before finishing by the bathing pool at Kusum Sarovar. A soundtrack of Indian music completes the feeling of immersion into the Amazing India

~~PLEASE NOTE:~~ the audio in this full-dome film is a commercial music track called “The Drug” by Röyksopp. Strictly speaking, to screen this film legally in your digital dome you should at least own this music track.

You can purchase it online for very little here:

<http://www.amazon.co.uk/The-Drug/dp/B003YPGFD4> = £0.79 :

<https://itunes.apple.com/gb/album/the-drug-single/id385708636> = £0.99:

~~<https://play.google.com/store/music/details?id=D2qimdQtczqZisw25kibufdu44e> = £0.00~~

All know Earth crossing asteroids

The Asteroid Impact Mission (AIM) is a candidate mission currently undergoing preliminary design work. :

Launched in October 2020, AIM would travel to a binary asteroid system – the paired Didymos asteroids, which will come a comparatively close 11 million km to Earth in 2022. The 800 m-diameter main body is orbited by a 170 m moon, informally called ‘Didymoon’. :

This smaller body is AIM’s focus: the spacecraft would perform high-resolution visual, thermal and radar mapping of the moon to build detailed maps of its surface and interior structure. :

The main AIM spacecraft is planned to carry at least three smaller spacecraft – the Mascot-2 asteroid lander, being provided by DLR (Mascot-1 is already flying on JAXA’s Hayabusa-2), as well as two or more CubeSats. AIM would test optical communications and inter-satellite links in deep space, essential technology for future exploration. :

If approved, AIM would also be Europe’s contribution to the larger Asteroid Impact & Deflection Assessment mission: AIDA. In late 2022, the NASA-led part of AIDA will arrive: the Double Asteroid Redirection Test, or DART, probe will approach the binary system – then crash straight into the asteroid moon at about 6 km/s. :

~~AIM is intended to be watching closely as DART hits Didymoon. In the aftermath, it will perform~~

In case you haven’t heard, the Moon is trending again... and in a big way. Like in the glory days of the 1960s and 1970s, our big white space neighbor is enjoying the attention of lunar explorers. Only this time, they’re going back to the moon for good. :

The award-winning 24-minute Google Lunar XPRIZE fulldome planetarium show, Back To The Moon For Good, chronicles teams around the world competing for the largest international incentivized prize in history, by landing a robotic spacecraft on the Moon. :

To win the \$30 million Google Lunar XPRIZE, a team must land a robotic spacecraft on the Moon, navigate 500 meters over the lunar surface, and send video, images and data back to Earth. This global competition is designed to spark imagination and inspire a renewed commitment to space exploration, not by governments or countries – but by the citizens of the world.

This Fulldome video was produced as part of A World Underwater: The Reefs of Belize, a program from the Charles Hayden Planetarium. The Planetarium team worked with Massachusetts Institute of Technology (MIT) to make a 360 degree film of the underwater footage they took exploring the Mesoamerican reef ecosystem, at Glover’s Reef Research Station in Belize.

~~Explore Angkor Wat, the temple complex of the ancient Khmer capital located in present day Siem Reap, Cambodia. Time-lapse photography make visitors appear as ghost-like figures as the camera slowly pans through the crumbling ruins. See the serene beauty of the well preserved baroque Bayon temple and Ta Prohm, with the surrounding jungle growing through the ruins, made famous in the film Tomb Raider.~~

~~You are made of 70 trillion living cells. They work. They talk. They think. They are what make you alive. :~~

This is the story of the trillions of cells that form our bodies, from our beginnings as a single cell to the complexity of a whole body: it’s the story of who we are. :

Join Raj and Sooki on a totally ex-CELL-ent immersive journey. Get shrunk down by the Shrink-a-

~~tron, go back in time with the Retroscope and see an exploded view of all the body systems.~~

Clockwork Skies explores the patterns of motion and time in our skies.

~~An early development test for an up and coming interactive dome installation. .~~

Lighting through a custom HDR1 map and daylight system is baked into textures to achieve very fast render times.

~~There are places where the night sky has no constellations. .~~

No Orion, no Big Dipper, nothing but a few lonely, far away stars and a few faint, ghostly patches of light. Most stars lie within the crowded boundaries of galaxies, travelling with their brothers and sisters in a vast galactic family. But some find themselves on their own, deep within voids between the galaxies. These are the cosmic castaways. :

This show is an original production of the Ward Beecher Planetarium and is based on the research of YSU’s resident astrophysicists Dr. John Feldmeier and Dr. Patrick Durrnell.

Cosmic Origins Spectrograph is a 20-minute FullDome look at the Cosmic Origins Spectrograph instrument installed on the Hubble Space Telescope in 2009 during Servicing Mission 4, as well as the science behind its utility. :

The show covers the basics of spectroscopy at a high level, and touches on the processing of galactic and extragalactic gas. Other topics include the use of quasars as background light sources, ~~there are places where the night sky has no constellations:~~

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The study of our universe is as old as time, yet our understanding of the origins and nature of the universe is less than 100 years old. :

This fulldome planetarium program, written and produced by high school and college students is an overview of the science of cosmology. From our earliest theories about the size of the universe to the big bang theory, this show details how our understanding has evolved over time.

Cycle is a short fulldome piece which uses timelapse photography to reveal the majesty of Earth's natural environments. It's a subtle meditation on how a small shift in our perception of time can heighten our awareness of the intricate ecosystem surrounding us. The cycle emerges.

~~DARK is a fulldome movie that explains and explores the nature of dark matter, the missing 80% of the mass of the Universe. :~~

The search for dark matter is the most pressing astrophysical problem of our time – the solution to which will help us understand why the Universe is as it is, where it came from, and how it has evolved over billions of years – the unimaginable depths of deep time, of which a human life is but a flickering instant. But in that instant, we can grasp its immensity and, through science, we can ~~attempt to understand it.~~

~~What keeps galaxies together? What are the building blocks of our universe? We've been trying to answer this question since time memorial - however we still haven't found the ultimate answer.~~

Approximately a quarter of the universe consists of mysterious dark matter. We know: It is there, however, we don't know what it is made up of. :

This planetarium show takes you on the astrophysics biggest quest. You'll see, why we know that there must be dark matter at all. Join the scientists on their observations, out in space, as well as ~~deep underground. Will they be able to reveal dark matter's mystery?~~

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Fulldome-show commissioned by the Zeiss-Planetarium Jena to promote their recent planetarium-system upgrades. Soundtrack mixed in Fraunhofer "Spatial Sound Wave".

The night sky is effectively a view of infinity; could alien life exist out there somewhere? :

This film investigates the conditions required for life, beginning with planets and moons in our Solar System and venturing out to some of the newly-discovered exoplanets orbiting other stars. :

Potentially habitable exoplanets are now being discovered regularly - worlds that are not only very far away, but also strange and unfamiliar. What could life on these worlds look like? What are the chances of encountering intelligent life in the future and how might we detect it?

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Journey from NASA's test facilities all the way to Pluto and experience the excitement of today's space missions. :

Immerse yourself in the adventures and extremes of spacecraft engineering—from the design of missions like the James Webb Space Telescope and New Horizons, to the rigors of testing, launch, and space operations. :

Launch of the Orion Exploration Flight Test on a Delta IV heavy launch vehicle

Einstein's Gravity Playlist is an original planetarium show that explores the ripples in space-time known as gravitational waves. Albert Einstein first predicted the existence of gravitational waves in 1916, and a century later, scientists detected these waves using incredibly precise laser technology here on Earth. In honor of this long-anticipated detection, the scientists who created the Laser Interferometer Gravitational-Wave Observatory (LIGO) won the Nobel Prize in Physics in 2017. In this show, viewers follow Lucia, a PhD student in physics, on an exploration of how gravitational waves are formed, how they move through the universe, and how scientists like her work to hear. Multimediashow commissioned by the Zeiss Großplanetarium Berlin. Co-produced with with the University of Applied Arts and Sciences Dortmund.

Fractals and Kaleidoscope are the very deep rooted math areas, which are used to define Nature in a simplest mathematical manner.

Enigma is combination of these fractals and kaleidoscopic videos with a hearty touch of Music. These videos are specially designed to give a sense of warmth and calmness to our puzzled minds. Without any narration, just with the help of Music and beautiful colors & patterns, this show will go

On a clear, dark night, we see the same constellations our ancestors saw long ago. The Great Bear relentlessly pacing around the North Star, queen Cassiopeia spinning topsy-turvy on her celestial

throne. The night sky, both beautiful and mysterious, has been the subject of campfire stories, ancient myths and awe for as long as there have been people. A desire to comprehend the Universe may well be humanity's oldest shared intellectual experience. Yet only recently have we truly begun to grasp our place in the vast cosmos. To learn about this journey of celestial discovery, from the theories of the ancient Greek astronomers to today's grandest telescopes, we invite you to experience From Earth to the Universe. :

This stunning, 30-minute voyage through space and time conveys, through sparkling sights and sounds, the Universe revealed to us by science. Viewers can revel in the splendour of the worlds in the Solar System and our scorching Sun. From Earth to the Universe takes the audience out to the colourful birthplaces and burial grounds of stars, and still further out beyond the Milky Way to the unimaginable immensity of a myriad galaxies. Along the way, the audience will learn about the ~~history of astronomy, the invention of the telescope, and today's giant telescopes that allow us to~~ what lies at the heart of our galaxy? For twenty years, ESO's very Large Telescope and the Keck telescopes have observed the centre of the galaxy, looking at the motion of more than a hundred stars and identifying the position of an otherwise invisible object — the supermassive black hole at the centre of our galaxy. :

Embark on a Journey to the Centre of the Milky Way and during seven minutes travel faster than light, from the driest place on Earth, the Atacama Desert in Chile right to the centre of our own galaxy, where a black hole is consuming anything that strays into its path. :

84 million stars will appear in front of your eyes, each hiding mysteries waiting to be solved. Are there planets around them, perhaps with moons? Do they have water? Could they harbour life?

A Casper Planetarium Full Dome Production about planets outside of our solar system and the methods used to find them.

An journey to discover that boundaries are blurred. Giordano Bruno spoke of infinite worlds, Emmanuel Kant of island universes, and modern physics of the multiverse. We have only one certainty: it is our knowledge that has limits. But the joy we can derive by breaking through our limits ~~is our search for answers, is infinite.~~

Various space images converted to fulldome format

Various space, space craft etc images converted to fulldome format

~~Experience dance differently... :~~

The emergent Fulldome medium allows a unique viewing experience for the audience/viewer. : This work was made to be screened (and mapped) in a dome or planetarium, and filmed with Hemispherical Capture techniques, so a perceived 3D effect is experienced by the viewer, (when ~~experienced into a dome).~~

The emergent Fulldome medium allows a unique viewing experience for the audience/viewer. : This work was made to be screened (and mapped) in a dome or planetarium, and filmed with Hemispherical Capture techniques, so a perceived 3D effect is experienced by the viewer, (when ~~projected into a dome).~~

A 15 minute introduction to galaxies. Fulldome show Galaxies talks about the classifications and history of galaxies throughout time.

Life in a modern city is full of noise and bustle. When nerves are frayed by deadlines, an overflowing inbox and constantly ringing phone, it is time to disconnect. Head beyond where the road ends, out of reach of cell phone towers, and find peace and solitude. In this remote and stunning terrain, you can forget the rat race. Let the scenery of the rooftop of the world wash over you, enjoy the wilderness at the rooftop of the world, and wake your inner self to rediscover meaning and ~~nurture in life.~~

~~This program thoroughly covers the Hertzsprung-Russell diagram. From the history of its creation to the practical use it has for astronomers today. It begins with an in-depth look at the brightest stars we see from Earth, and then it takes the viewer on a fly-through of the exact locations of the closest stars to the Sun, using the HR diagram along the way.~~
Join scientists who are investigating the boundary between our Solar System and the rest of our galaxy in IBEX: Search for the Edge of the Solar System. :

Designed for visitors with an appreciation for the challenges of space science and a desire to learn more about science research, the show follows the creation of NASA's Interstellar Boundary Explorer (IBEX). Audiences will get an in-depth look at the mission and how IBEX is collecting high-speed atoms to create a map of our Solar System's boundary. :

Narrated by two inquisitive teenagers, audiences will hear from the scientists and engineers that ~~developed the IBEX mission and created the spacecraft, and get the latest updates on the mission's~~
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Designed for visitors with an appreciation for the challenges of space science and a desire to learn more about science research, the show follows the creation of NASA's Interstellar Boundary Explorer (IBEX). Audiences will get an in-depth look at the mission and how IBEX is collecting high-speed atoms to create a map of our Solar System's boundary. :

Narrated by two inquisitive teenagers, audiences will hear from the scientists and engineers that ~~developed the IBEX mission and created the spacecraft, and get the latest updates on the mission's~~
Starry skies are a vanishing treasure because light pollution is washing away our view of the cosmos. It not only threatens astronomy but also disrupts wildlife, and affects human health. The glows over cities and towns — seen so clearly from space — are testament to the billions of dollars spent in wasted energy by lighting up the sky. :

The "Losing the Dark" planetarium show is the result of a collaboration between IDA and Loch Ness Productions. It introduces and illustrates some of the issues regarding light pollution and suggests three simple actions people can take to help mitigate it. The show gives planetarium professionals a tool to help educate the public about the problems of light pollution. Planetariums are uniquely ~~positioned to teach audiences where we can all work together to implement responsible use of~~
A flight through an abstract landscape challenges perceptions of the horizon.

"Jagannath Astaka" illustrates a 500 year old, eight verse, song of devotion to Jagannath, "Lord of the Universe". FullDomeLab content production studio once again took the visitors to Jagannath Astaka Show off their feet with its astounding immersive animations. Astaka refers to the number 8, and Jagannath means "Lord of the Universe". This stunning fulldome cartoon glorifying Lord Chaitanya is a mind-blowing psychedelic immersive media product that proved a tremendous success with the audience exposing them to the unique world of psychedelic art."

Prepare your students for STEM-related career opportunities in the future. Interest them in pushing the boundaries of technology and innovation. NASA's fleet of Mars robotic explorers are paving the way for human exploration of the Solar System in the coming decades. Have your students join NASA in preparing for a monumental journey of a lifetime – to Mars!

Straight through the eye and into the brain. A place with no distinction and efficient imitation. Descend to the bottom and enter everywhere.

Legendary Psycasthenia (Alexander Hager 2014) is a fulldome morphing camouflage nebula of sticks, leaves, and mantids viewed on a 360-degree hemispherical screen. Raga Darbari was chosen to accompany the piece for its sedative qualities.

The audience is immediately launched through a tunnel, and lands on a forest floor. The forest floor's image is superimposed multiple times on itself, and wipes sweep across the screen. Stick mantids are imposed over the leaves.

A hand reaches across and touches the mantid. The mantid is slid off screen to make way for a canopy of sticks with mantids hiding on the branches.

The tempo of the music slows down as the branches fade out. The screen is overtaken by a pattern made of mantids reflected on the surface of water.

A pulsing autostereogram fades in as the sitar begins playing a strong resonant tone. This image is the answer to the question of if a bug were to be placed into an environment made up of only other mantids, how would that bug be camouflaged?

This culminates to its extreme as a swarm like image of particles fills the screen. The color palette has been taken from the mantid's exoskeleton. The particles transform themselves to form gradients on the screen. The sitar's playing has slowed down.

From this formless space, the audience is pulled through another tunnel. As the audience reaches the end of the tunnel, the metamorphosis is complete. The mantid's outward appearance has been re-re-re-reflected in a morphing shape.

Produced by Zeiss for the International Year of Light in 2015, Light is still available for free download. The 7-minute teaser is designed for domes with a unidirectional orientation. Light, of course, is a subject too broad to be covered in a few minutes. With a well-assorted selection, though, the teaser gives viewers an idea of the wide diversity of light effects.

VJ style videos

A short public service announcement about light pollution, produced by Loch Ness in collaboration with the International Dark Sky Association, IPS, and others.

People have always been attracted by the mysterious and unknown and wanted to get closer to the enchanted world of fairies and magic. Now you can join this miraculous world, see fairy dreams with your own eyes and touch the beauty of Magic Island, filled with amazing creatures, fabulous flowers and dazzling colours. Once you arrive the most beautiful and vivid dreams will come alive and you will never want to leave.

Based on the book Max goes to the Moon. :

Needs animating.

In a feast of colours and sounds, Mayan Archaeoastronomy: Observers of the Universe makes a tour of 6 Mayan temples: San Gervasio, Chichen Itzá, Uxmal, Edzná, Palenque and Bonampak where the spectator dives into a Mayan world of knowledge about the importance of the orientations of its temples in relation to the movement of some stars like the Sun, the Moon and Venus.

Measurements of the Spectral Characteristics of Exoplanetary Systems - A short film.

This show is a lighthearted introduction to NASA's New Horizons mission to Pluto and the Kuiper Belt. :

Launched in 2006, the New Horizons spacecraft is scheduled to fly by Pluto and its moons in July of 2015. The purpose of the program is to introduce planetarium visitors to the mission prior to its arrival at Pluto. :

After it encounters Pluto, New Horizons will continue on through the Kuiper Belt and the mission will likely be extended. A smaller, more primitive Kuiper Belt Object will then be targeted for a rendezvous in 2018 or 2019. These encounters promise us unprecedented close-up views of these

Phantom of the Universe is a new planetarium show that showcases an exciting exploration of dark matter, from the Big Bang to its anticipated discovery at the Large Hadron Collider. The show is offered to planetariums worldwide free of charge. :

The show reveals the first hints of its existence through the eyes of Fritz Zwicky, the scientist who coined the term "dark matter." It describes the astral choreography witnessed by Vera Rubin in the Andromeda galaxy and then plummets deep underground to see the most sensitive dark matter detector on Earth, housed in a former gold mine. :

From there, it journeys across space and time to the Large Hadron Collider at CERN, speeding alongside particles before they collide in visually stunning explosions of light and sound, while learning how scientists around the world are collaborating to track down the constituents of dark

Join Neil deGrasse Tyson in a journey exploring the life of a photon. Start from its creation in the belly of a star, travel across the galaxy and go all the way into the eye of a young stargazing girl. You will learn the structures of the eye and its functions, while taking a ride on the optic nerve. Discover how the eye works, how technology has enabled us to restore vision and prevent a variety of diseases that affect sight in the show "Seeing". :

This film is part of the SIGHT project - StoryofSight.com - and is underwritten by ZEISS Vision Care.

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Watch SIGHT on your local PBS station.

During the 2013 Spring semester at the Massachusetts College of Art and Design, students explored the topic of consciousness. In less than 5 months these students collaborated on all aspects of storytelling, concept development, sound design, and fulldome production to create an immersive experience which explores the creative, perceptive, and unexplored mind. :

This project happened because MassArt Studio for Interrelated Media Professor Nita Sturiale approached us with the idea of having her students create work in the Planetarium. Special thanks also goes out to Lina Maria Giraldo, Karina Tovar, and Eric Freeman.

This program thoroughly covers the Hertzsprung-Russell diagram. From the history of its creation to the practical use it has for astronomers today. It begins with an in-depth look at the brightest stars we see from Earth, and then it takes the viewer on a fly-through of the exact locations of the closest stars to the Sun, using the HR diagram along the way.

Sizing Up Space explores the scale of the universe.

*Space Shapes discusses different round shapes in space for young audiences.

Not full dome

Travel back to the beginning of time and experience the birth of the Sun. Discover how it came to support life, how it threatens life as we know it, and how its energy will one day fade away.

~~Two Small Pieces of Glass = The Amazing Telescope~~ full-dome show follows two students as they interact with a female astronomer at a local star party. :
Along the way, the students learn the history of the telescope from Galileo's modifications to a child's spyglass — using two small pieces of glass — to the launch of the NASA/ESA Hubble Space Telescope and the future of astronomy. :

Aiming to engage and appeal to audiences of all ages, the show explores the wonder and discovery ~~of the planetarium documentary The Hot and Energetic Universe~~ presents with the use of immersive visualizations and real images the achievements of the modern astronomy, the most advanced terrestrial and orbital observatories, the basic principles electromagnetic radiation and the natural phenomena related to the High Energy Astrophysics. :

High Energy Astrophysics plays a key role in understanding the universe. These radiations reveal the processes in the hot and violent Universe. This science also probes hot gas in clusters of galaxies, which are the most massive objects in the Universe. It also probes hot gas accreting around supermassive black holes in the centers of galaxies. Finally, high energy radiation provides ~~important information about our own Galaxy, neutron stars, supermassive remnants, and stars like our~~

During the 2015 Spring semester at the Massachusetts College of Art and Design, students explored the topic of hypnagogia. In less than 5 months these students collaborated on all aspects of storytelling, concept development, surround sound design, and 4k full-dome production to create an immersive experience which explores the moment between wakefulness and sleep. ~~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 the breathtaking timelapses. Thanks to the real images taken by the Solar Dynamics Observatory and processed by advanced mathematical methods, you will experience the true nature of the Sun and find out that it is far from being as calm as it seems at first glance. :

The Sun's activity, pronounced by terrific solar flares, sunspots and coronal mass ejections, influences our planet, by producing impressive auroras but also by damaging distribution networks ~~and communication satellites. Is it a threat to us, then?~~

This is Our Sky! is a general astronomy show that targets 3rd grade, with elements of interest spanning Preschool to 6th Grade. Join Luna and her friends for an exploration of the sky, phases of the Moon, seasons, constellations, and planets.

~~Four hundred years after Galileo's revolutionary discoveries, two scientific satellites are launched~~ into the Universe. :

These space telescopes unveil events that our eyes cannot see. They observe the birth of stars and planets and look back to the very beginning of time. :

Created using the latest technology for full dome and analogue planetariums; shot on location at the European Space Agency's Main Control Room in Darmstadt, Germany; featuring highly sophisticated 4K animated graphics and detailed scenes never before seen on a planetarium dome ~~this stunning planetarium show sets a new benchmark for cutting edge edutainment~~

Inspired by train rides in Italy, TREN ITALIA is a full-dome film exploring the experience of travel.

~~During the 2017 Spring semester at the Massachusetts College of Art and Design, students~~ explored the topics of memory, transformation, and the outsider. In less than 5 months these students collaborated on all aspects of storytelling, concept development, video shoots, surround sound design, and 4k full-dome production. :

Due to the success of the previous 2013 and 2015 MassArt shows, we decided to work again with MassArt to bring art students into the planetarium. This semester the course was taught by Eric Freeman & Chico Colvard. Special thanks to Dan Callahan & Michael Dunne as the TA's. Together ~~they all did an incredible job of enabling the students to be creative within the huge technical~~

An explorer of the cosmos has traveled too far... And can't find home. Follow in the footsteps of a cosmic traveler as he shares a wild story. Find out what grand mysteries he has uncovered while journeying deep into intergalactic space, searching...

FullDome-IMODUshow commissioned by Carl Zeiss Jena to celebrate the fascination and evolutions of planetariums and to showcase the true black projections abilities of the Zeiss VELVET video projectors.

~~Wan stars~~ is an ancient Chinese phrase wishing you a life ten thousand years long. Ten thousand years is the amount of time which the transuranic waste stored at the Waste Isolation Pilot Project will be a danger to humanity.

This video utilizes scientific experiments, video language, animation, and 3d models to create a warning message about handling nuclear waste. It is paramount to come up with a method of informing future generations the implications of nuclear energy.

An experiment was created in order to answer the question of whether there is a palatable viewing experience that informs rats about the dangers of living near nuclear waste. The absurdness and irony of this experiment and its intended purpose directs our attention to the kind of monster we have created. ~~This kind of monster will live longer than humans have existed on earth.~~

Earth. It's now a small world. The human race is connected better and faster than ever before but what about elsewhere? :

Could we one day be part of a galactic community sharing our knowledge and ideas? Or is Earth the only planet with life? :

We Are Aliens! takes you on an epic ride in the hunt for the evidence of alien life.

Sometimes you just gotta act on inspiration. Upon first watching What Tau Sounds Like, I was inspired by the use of multiple camera viewpoints all connected by music. Just being able to see all the layers fit together and understand how one guy made this beautiful song. And I saw the potential for a unique portrayal of the music and math visually intertwining...

The story is about a young teddy bear who wants to fly. The program includes some mythology, history of flight, and a few winged constellations.

The world's first fulldome dance film (2007). :

With this experimental production the art form Dance for Screen was transported into a new dimension, the 360° screen, becoming known as Fulldome Dance. :

New choreography principles and techniques had to be explored, are still being discovered - and will continue to be invented, for a long time to come.

The Sun has shone on our world for four and a half billion years. The light that warms our skin today has been felt by every person who has ever lived.

It is our nearest star and our planet's powerhouse, the source of the energy that drives our winds, our weather and all life.

The passage of the Sun's fiery disc across the sky — day by day, month by month — was the only way to keep track of time for countless past civilisations.

Don't be fooled by the terminology; although it is a typical dwarf star, the Sun consumes 600 million tons of hydrogen each second and is 500 times as massive as all the planets combined.

Discover the secrets of our star in this planetarium show and experience never-before-seen images of the Sun's violent surface in immersive fulldome format.

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

Subject Area 1	Subject Area 2	Subject Area 3
Meditation	Music	
Maths	Science	
Art	Music	
	History	Tourism
Meditation	Music	
Astronomy	Asteroids	NEO

Astronomy	Asteroids	Space craft
	Space Engineering	
		Nature
	History	Tourism
		Biology
Astronomy		
		History
Astronomy		

Physics	Spectroscopy	Hubble
Astronomy		
Astronomy	Dark Matter	Cosmology
	Music	Art
Dark Matter		
Astronomy	Dark Matter	
Astronomy	Dark Matter	
Photography	Music	Art
Here		History
Astronomy		

Astronomy		
Science	Space	Engineering
General		
Astronomy	Gravity Waves	
Meditation	Music	
Citizen astronomy		
Astronomy	Space Engineering	
Astronomy		
Astronomy	Exoplanets	
Astronomy	Exoplanets	

Astronomy	Exoplanets	
Astronomy	Space	Telescopes & Optics
Dance	Music	
Dance	Music	
Astronomy	Galaxies	
	History	Tourism
Astronomy		
Astronomy		
Physics		
Meditation	Music	

	History	Tourism
Meditation	Music	
Physics		
	Music	Art
Physics		
	History	Tourism
Astronomy	History	Myths

Astronomy		
Astronomy	Dark Matter	Big Bang
Astronomy	Solar System	Engineering
Physics	Photons	
Physics	Photons	
	Music	Art
Astronomy		
Astronomy	Maths	
Astronomy	Maths	
Astronomy	Solar System	Sun

Astronomy	Physics	History
Astronomy		
		History
	Music	Art
Astronomy	Solar System	Sun
Astronomy	Seasons	Moon phases
Meditation	Music	
	Music	Art
Astronomy	Music	

Meditation	Music	
Astronomy	Exoplanets	Engineering
	Music	Art
Space	Earth	Flight
Dance	Music	
Astronomy	Solar System	Sun
Astronomy	History	

Website Description

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