

Planetarium Fulldome Shows & Descriptions

*Spanish audio available

‡ English captions available

Atlas of a Changing Earth *‡

This is the story of how a revolution in one of the most basic of all human enterprises – the making of maps – is shedding new light on our planet's evolution in the wake of rising global temperatures. Using stunning, latest-generation imagery from space, "Atlas of a Changing Earth" takes viewers into the dynamic processes causing coastal glaciers in Greenland and Antarctica to melt, and explores how rising seas could threaten coastlines the world over. These striking new images are produced by the confluence of satellites and supercomputers, revealing Earth in a degree of precise detail scarcely imagined a generation ago. Recommended for general audiences. 24 minutes. Show and show description provided by [E&S](#).

Bad Astronomy: Myths and Misconceptions ‡

Were the Apollo visits to the Moon actually a hoax? Have aliens landed on Earth? Can you tell your future by the stars? Prepare to debunk and tackle pseudoscience head-on with the planetarium show *Bad Astronomy: Myths and Misconceptions*. Based on the popular book and website of the same name, *Bad Astronomy* offers a unique and fun approach to learning about the cosmos. Join the "Bad Astronomer" Phil Plait as he takes a critical look at popular myths and misconceptions to show audiences how science can be used to evaluate questionable claims. *Bad Astronomy* is produced by the Detroit Science Center in collaboration with Cranbrook Institute of Science and narrated by WJR-AM's radio personality Rachel Nevada. Recommended for middle school and up. 46 minutes. Show and show description provided by [Spitz Inc.](#)

Black Holes: The Other Side of Infinity *‡

Narrated by Academy-Award nominated actor Liam Neeson, this cutting-edge fulldome production features high-resolution, animated visualizations of cosmic phenomena, working with data generated by computer simulations. Audiences will be dazzled with striking, immersive animations of the formation of the early universe, star birth and death, the collision of giant galaxies, and a simulated flight to a supermassive black hole lurking at the center of our own Milky Way Galaxy. Recommended for 4th grade and up. 24 minutes. Show and show description provided by [Spitz Inc.](#)

Cell! Cell! Cell! ‡

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 courtesy of the Cell-o-tron. Recommended for middle school and up. 24 minutes. Show and show description provided by [Spitz Inc.](#)

Dinosaurs: A Story Of Survival *‡

Like almost all children, Celeste is fascinated with dinosaurs. She is preparing a talk for her class about how they went extinct when Moona, a very wise and magical character, poses a tantalizing question: what if I told you that there are still dinosaurs among us? Celeste will join Moon in a journey through time. An exciting adventure that will show them the Earth as it was in the very, very distant past. They will see the fascinating transformations that these animals underwent over millions of years, creating giant creatures, armored beasts and super predators, until the day that a cataclysmic impact event caused a mass extinction on Earth. But all is not lost. Celeste will discover the key to their survival. Recommended for 1st grade and up. 28 minutes. Show and show description provided by [Cosm Studios](#).

Dynamic Earth *‡

Dynamic Earth explores the inner workings of Earth's climate system. With visualizations based on

satellite monitoring data and advanced supercomputer simulations, this cutting-edge production follows a trail of energy that flows from the Sun into the interlocking systems that shape our climate: the atmosphere, oceans, and the biosphere. Audiences will ride along on swirling ocean and wind currents, dive into the heart of a monster hurricane, come face-to-face with sharks and gigantic whales, and fly into roiling volcanoes. Narrated by Academy-Award nominated actor Liam Neeson. Recommended for 4th grade and up. 24 minutes. Show and show description provided by [Spitz Inc.](#)

Edge of Darkness *‡

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 through 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. Recommended for middle school and up. 23 minutes. Show and show description provided by E&S.

IBEX: Search for the Edge of the Solar System ‡

Investigate 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 who want 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 mapping our Solar System's boundary. Recommended for middle school and up. 27 minutes. Show and show description provided by [Spitz Inc.](#)

The Little Star That Could *‡

The Little Star That Could is a story about an average yellow star on a search for planets of his own to warm and protect. Along his way, he encounters other stars, learns what makes each star special, and discovers that stars can combine to form clusters and galaxies. Eventually, Little Star finds his planets, and each is introduced to audiences along with basic information about the Solar System. Recommended for preschool-3rd grade. 35 minutes. Show and show description provided by [Loch Ness Productions](#).

Magnetism: Defending Our Planet, Defining the Cosmos ‡

MAGNETISM is a full dome planetarium show that demonstrates how the Earth's magnetic field protects our planet from energetic particles from the Sun and galaxy, and how the magnetic field also protects the water in our atmosphere from being swept away by the solar wind. It shows the first aurora seen simultaneously from the ground and from the ISS, and tells about the MMS mission (Magnetospheric Multiscale) and its quest to understand the magnetic connection between the Earth and the Sun. Recommended for general audiences. 23 minutes. Show and show description provided by [E&S](#).

Oasis in Space ‡

Embark on a startling and beautiful voyage through our solar system, galaxy, and universe in search of water - a key ingredient for life on Earth. Your exploration starts on Earth, with its vast oceans that make life possible. Along the way you'll fly by the other planets and their moons, learning about their characteristics such as atmosphere, temperature, and composition. Learn where water comes from in the cosmos and the conditions necessary for it to exist as a precious, life-giving liquid. Recommended for 4th grade and up. 24 minutes. Show and show description provided by [Spitz Inc.](#)

Robot Explorers *‡

Near the end of the twentieth century, we began launching unmanned probes into the far reaches of the solar system. What they discovered was amazing and in some cases unexpected. Now after dozens of probes have been deployed, the exploration continues. New space missions are underway, and many of these robust spacecraft are still operational, beaming their knowledge back to Earth every day. We will pay tribute to these robots who have explored in our stead and experience what they have taught us about our solar system. Narrated by Brent Spiner of TV's Star Trek: The Next Generation. Telly Award Winner. Recommended for 4th grade and up. 24 minutes. Show and show description provided by E&S.

Supervolcanoes *‡

The award-winning *Supervolcanoes* is an immersive planetarium show that looks back at rare classes of eruptions that have marshaled the energy that lurks, like a sleeping dragon, beneath the surface of planet Earth. The program moves beyond Earth to explore the impact of giant volcanic eruptions around our solar system. Audiences will fly down to Neptune's frigid moon Triton, and onto the ultimate volcanic world: Jupiter's moon Io. On a visit to a legendary North American hot spot, Yellowstone National Park, the film asks: can a supervolcano erupt in our time? Narrated by Benedict Cumberbatch. Recommended for 4th grade and up. 24 minutes. Show and show description provided by [Spitz Inc.](#)

Tales of a Time Traveler *‡

Time travel like never imagined! Explore ancient civilizations. Witness the birth of the universe. Journey to the edge of a black hole. In *Tales of a Time Traveler*, you will discover that time is not so easily defined. Time is illusive, impossible to hold. It can't be owned. It can't be stopped. Time travel surrounds you – from the biological clock in your brain and the changing shadows on a sundial, to the history of life on Earth. Then the story expands to the lives of stars, the time scale of the Big Bang, and the distortion of time by gravity. Narrated by David Tennant. Recommended for general audiences. 23 minutes. Show and show description provided by [E&S](#).

Two Small Pieces of Glass: The Amazing Telescope ‡

Two Small Pieces of Glass traces the history of the telescope from Galileo's modifications to a child's spyglass—using two small pieces of glass—to the launch of NASA's Hubble Space Telescope and the future of astronomy. It explores the wonder and discovery made by astronomers throughout the last 400 years. Interstellar Studios. Recommended for 4th grade and up. 23 minutes. Show and show description provided by [Spitz Inc.](#)

Unseen Universe *‡

This exciting look into cutting edge astronomy explores the universe far beyond our human senses. For millions of years, our view of the heavens has been limited by our eyes, allowing us to only see a narrow band of electromagnetic radiation we call visible light. For the first time ever, in the greatest breakthrough since the invention of the telescope, we now have the technology to capture the Universe over an amazing width of the spectrum and beyond. We can even interlink telescopes around the world to capture data on a global scale. *Unseen Universe* makes what was once thought to be unseeable, seeable. Recommended for general audiences. 24 minutes. Show and show description provided by [E&S](#).

Violent Universe *‡

Comets, asteroids, and meteors hurtling through space. Stars collapsing under their own gravity. Infernos of nuclear energy releasing their deadly radiation across the universe. Witness the raw power of the cosmos in this thrilling show that gives you a front-row seat to watch as worlds collide! Narrated by Sir Patrick Stewart of *Star Trek: The Next Generation* and the *X-Men* films. Telly Award Finalist. Recommended for 4th grade and up. 25 minutes. Show and show description provided by [E&S](#).

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