

British Documentary Screenings at "Dimitrie Leonida" Technical Museum**Wonders of the Solar System: Empire of the Sun**

Gideon Bradshaw, 2010

59 min.

In this spell-binding episode, Professor Brian Cox visits some of the most stunning locations on Earth to describe our intimate connection with the powerhouse of them all, the Sun. In India he witnesses a total solar eclipse, in Norway he watches the Northern Lights as the night sky glows with the Sun's energy. Beyond Earth, Brian makes contact with NASA's Voyager probe and he glimpses the Sun's far distant fate as a red giant star.

The Fabric of the Cosmos: Space Odyssey

Jonathan Sahula, Graham Judd, Sabin Streeter, 2012

50 min.

"The Fabric of the Cosmos" takes us to the frontiers of physics to see how scientists are piecing together the most complete picture yet of space, time, and the universe. Interweaving provocative theories, experiments, and stories with crystal-clear explanations and imaginative metaphors, "The Fabric of the Cosmos" aims to be the most compelling, visual, and comprehensive picture of modern physics ever seen on screen as it shows just how much of what we thought we knew about our universe - that the past has already happened and the future is yet to be, that space is just an empty void, that our universe is the only universe that exists - might just be wrong.

The Joy of Stats

Dan Hillman, 2010

60 min.

Presented by the Swedish professor Hans Rosling, "The Joy of Stats" tells the history of statistics in a very captivating way, its numerous uses and it also shows in how far today's world is based on statistics and develops according to them. Statistics is a

science that does not represent numbers only; statistics can convey new meanings while also being a fun.

Order and Disorder: The Story of Energy

Nic Stacey, 2012

60 min.

Professor Jim Al-Khalili discovers the intriguing story of how we discovered the rules that drive the universe. Energy is vital to us all, but what exactly is energy? Professor Jim Al-Khalili investigates a strange set of laws that link together everything from engines to humans to stars. It turns out that energy, so critical to daily existence, helps us make sense of the entire universe.

David Attenborough's Natural History Museum Alive 3D

Dan Smith, 2014

67 min.

Using cutting-edge science and astounding CGI, David Attenborough takes us on a magical 3D journey through the Museum to see the exhibits as they looked when they roamed the planet, allowing him new insights into how these creatures lived and behaved.

One winter's evening, David slips past the security guards and journeys deep into the Natural History Museum. Locked in for the night, David witnesses something extraordinary; long-extinct creatures burst into life, from fossils to living, breathing and walking beasts. This adventure takes David on an enchanting 3D journey through time to discover some of the most amazing creatures that ever lived. He comes face-to-face with a sabre-toothed tiger, witnesses the terrifying descent of a giant predatory bird, escapes the coils of a colossal snake, and befriends a giant dinosaur, the Diplodocus. Along the way he reveals the very latest scientific insights into these extinct creatures and how our understanding of them has changed over time.

Winner of BAFTA TV Award in 2014.

The Joy of Logic

Catherine Gale, 2013

59 min.

A sharp, witty, mind-expanding and exuberant foray into the world of logic with Computer Scientist Dave Cliff, 'The Joy of Logic' takes viewers on a roller-coaster ride through philosophy, maths, science and technology all of which, under the bonnet, run on logic. Wielding the same wit and wisdom, animation and gleeful nerdery as its predecessors, this film journeys from Aristotle to Alice in Wonderland, SciFi to Supercomputers to tell the fascinating story of the quest for certainty and the fundamentals of sound reasoning itself. Dave Cliff, Professor of Computer Science and Engineering at Bristol University, is no abstract theoretician. 15 years ago he combined logic and a bit of maths to write one of the first computer programmes to outperform humans at trading stocks and shares. With the help of 25 seven-year-olds, Prof. Cliff creates, for the first time ever, a computer made entirely of children, running on nothing but logic. We also meet the world's brainiest whizz-kids, competing at the International Olympiad of Informatics in Brisbane, Australia.

The 2000 Year-Old Computer

Michael Beckham, 2012

59 min.

This documentary tells the extraordinary story of how 2,000 years ago the ancient Greeks built a computer. A scientific detective investigation, set against the glories of classical Greece, follows a mysterious trail of numbers as a scientific team solves the puzzle of the spectacular Antikythera Mechanism, just like a real-life Da Vinci Code set in ancient Greece.

The Tube: An Underground History

James House, 2013

58 min.

London Underground is 150 years old. The world's first underground railway is spending its anniversary year celebrating its own history; they're sending a steam train back underground, and there's a Royal visit to prepare for. This film tells the story of the Underground - through the eyes of the people who work for it. Farringdon station supervisor Iain MacPherson reveals why his station – the original terminus - was

constructed in the 1860s, and recalls the dark days of Kings Cross in the 1980s; Piccadilly line driver Dylan Glenister explains why every Edwardian station on his line has its own unique tiling pattern, and how in the 1930s the construction of new stations expanded the borders of London. And there's Head of Design and Heritage, Mike Ashworth, whose predecessor pioneered the art of branding in the 1920s; and Customer Service Assistant Steve Parkinson, who was part of a wave of new recruits from the Caribbean from the 50s. With privileged access to disused stations and rare archive footage, this is the Tube's hidden history, revealing why it was first built, and how it's shaped London ever since.