



Einstein and General Relativity, a Singular Story

Einstein and General Relativity, a Singular Story - a documentary released in November 2015

About the film

URL of the page: https://www.ihp.fr/en/einstein-and-general-relativity-singular-story&is_pdf=true

Albert Einstein's theory of general relativity has revolutionised our understanding of gravity, space and time. Initially acclaimed, then forgotten, and now rediscovered, the adventure of this hundred-year-old theory has marked the scientific history of the 20th century. From its inception, a mathematical difficulty arose that could have nipped the theory in the bud: the Schwarzschild singularity. In the company of great international relativistic physicists, the viewer embarks on a discovery of this theory with a singular destiny. We discover a "curved" universe that proves to be even stranger than Einstein had envisioned, and harbours some objects – such as black holes – that still challenge today's scientists.

General information

Director : Quentin Lazzarotto

Co-authors : Jean Eisenstaedt, Quentin Lazzarotto and Jean-Philippe Uzan

Producers : Look at sciences, in partnership with RMC Découverte, Henri Poincaré Institute, CNC and Institut Lagrange de Paris

Running time : 52 minutes

Scientifics

Jocelyn BELL BURNELL, Oxford, Mansfield College

Sébastien BIZE, SYRTE/Observatoire de Paris

Thibault DAMOUR, IHES

Jean EISENSTAEDT, CNRS/SYRTE

Roger PENROSE, Oxford

Alain RIAZUELO, IAP/CNRS

Carlo ROVELLI, University Aix-Marseille

Hanns SELIG, ZARM Drop Tower, Brême

Jean-Philippe UZAN, IHP/IAP/CNRS

Cédric VILLANI, IHP/CNRS/UPMC

and Alexandre ASTIER, Albert Einstein voice

Press

Contact : Marie Chauvier : chauvier@ihp.fr - 01 44 27 67 14



INSTITUT HENRI POINCARÉ

Sorbonne Université / CNRS
11 rue Pierre et Marie Curie
75231 Paris Cedex 05

TIMETABLE

The institute:

- Monday to Friday from 8:30am to 6pm,
- closed on public holidays.

The museum - Maison Poincaré :

- Monday, Tuesday, Thursday and Friday from 9:30am to 5:30pm,
- Saturday from 10am to 6pm,
- closed on Wednesday and Sunday.