





S1 - 14. HAWAII, SONG OF THE STARS (**)

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Over 1,500 years ago, the Polynesians from the Marquesas islands crossed the seas for some 4000 km and arrived on the Hawaiian coast. Guided on their voyage only by the stars, they were the first astronomers of this archipelago. They settled at the foot of a huge dormant volcano they called the White Mountain.
Today, Mauna Kea, which rises to 4,200 m above sea level, has become one of the high places of astronomy in the world. From this magnificent viewpoint, Serge Brunier casts his eyes towards the heavens and further into the cosmos, wondering about one of the great enigmas of modern cosmology.
Although astronomers were able to describe the architecture of the Universe and reconstruct its history based on Einstein's equations, this model works with 96% of inexplicable elements. Most of the material and the energy which make up the universe is still completely unknown to them!
As Serge Brunier arrives at the foot of the giant telescopes of the Hawaiian mountain, will he manage to unravel the mystery of dark matter and dark energy and thus reveal the dark side of the universe?

Categorie(s): Discovery & Nature, Science & Environment, Collections - Series

Tag(s): Discovery/Adventure, Space, Astronomy

Producer(s): POINT DU JOUR

Coproducer(s): ARTE France, UNIVERSCIENCE, CNES, Observatoire de Paris

Length: 1x26 / Format: One-off

Original version: French

Versions available: International

Nationality: France, 2014

Rights: all medias, world

Support(s): HD Cam, HD file

http://www.pointdujour-international.com/catalogueFiche.php?idFiche=38263&lang=en