



The Canadian Astronomical Society, the Royal Astronomical Society of Canada and the University of Toronto invite you to a special evening on May 27th.

6:30pm – Presentation of the film

“Hawaiian Starlight: Exploring the Universe from Mauna Kea”

7:30pm – Helen Sawyer Hogg public lecture

“Life, the Universe and Nothing” by Lawrence Krauss

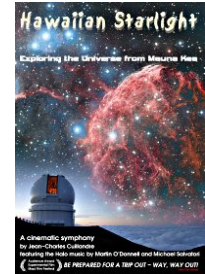
Location: Isabel Bader Theatre, 93 Charles St. West, Toronto

Nearest subway station: Museum

Seats are limited: first come, first served. Doors open at 6pm. Free admission.

Hawaiian Starlight: Exploring the Universe from Mauna Kea

The summit of Mauna Kea (14,000 feet) offers the best viewing of the Cosmos in the northern hemisphere, and this film delivers a pure aesthetic experience from the mountain into the Universe. Seven years in the making, this cinematic symphony reveals the spectacular beauty of the mountain and its connection to the Cosmos through the magical influence of time-lapse cinematography scored exclusively (no narration) with the awe-inspiring, critically acclaimed, Halo music by Martin O'Donnell and Michael Salvatori. Daytime and night-time landscapes and skylines alternate with stunning true color images of the Universe captured by the Canada-France-Hawaii Telescope, one of Canada's top astronomical observatories. A film by Jean-Charles Cuillandre. <http://www.cfht.hawaii.edu/HawaiianStarlight>



Life, the Universe and Nothing by Prof. Lawrence Krauss

In this talk, I will ruminate on the future of the Universe itself, and also on the future of life within it, using as my starting point recent observations in cosmology. I will first discuss why the Universe we appear to inhabit is the worst of all possible universes, as far as considerations of the quality and quantity of life is concerned. I will then address several fascinating questions that have arisen as a result of our discovery that the dominant energy of the universe resides in empty space: Can life be eternal in an eternally expanding universe? Are the laws of physics tailored for the existence of life? What will science in the far future tell us about the universe?



Lawrence Krauss is Foundation Professor in the School of Earth and Space Exploration and Physics Departments at Arizona State University. He is a world leader in cosmology and astrophysics and winner of numerous international awards for his research accomplishments. He is the author of seven popular books including the international bestseller "The Physics of Star Trek" and the award-winning "Atom".