

TRIUMF, SCIENCE WORLD, AND THE UBC DEPARTMENT OF PHYSICS & ASTRONOMY  
CORDIALLY INVITE YOU AND A GUEST TO A VERY SPECIAL

# UNVEILING THE UNIVERSE:

GRAVITATIONAL WAVES, BLACK HOLES, AND INTERSTELLAR

- FEATURING -  
**PROFESSOR KIP THORNE**

*Feynman Professor of Theoretical Physics, Emeritus, California Institute of Technology, scientific advisor and executive producer of the film Interstellar, founding scientist of the LIGO gravitational-wave experiment, and best-selling author*

Thursday, April 14, 2016

SCIENCE WORLD AT TELUS WORLD OF SCIENCE

1455 Quebec Street

Vancouver, BC V6A 3Z7

7:00 pm - Lecture begins in Omnimax Theatre

8:30 pm - Private reception begins on Green Roof

Please **RSVP** by [clicking here](#) no later than March 27, 2016

Exactly a century after Albert Einstein's prediction of gravitational waves using his general theory of relativity, the Laser Interferometer Gravitational-wave Observatory (LIGO) proved Einstein right by detecting subtle ripples through the fabric of space-time, a phenomenon caused by coalescing black holes over a billion light years away.

One of the greatest scientific discoveries in generations, the tour de force experiment was co-founded by our distinguished speaker, Professor Kip Thorne. Professor Thorne is one of the world's leading experts on the astrophysical implications of Einstein's general theory of relativity, including black holes and gravitational waves, and was the first to imagine 'wormholes' through space.

With a knack for imparting the thrill of scientific discovery to his audiences, Professor Thorne will illustrate the first century of Einstein's general relativity using the movie *Interstellar*, and will highlight the recent gravitational wave detection result – an achievement most expect will be recognized with a Nobel Prize.

**RSVP now** and join us for a captivating journey through what Professor Thorne calls "the warped side of the universe."



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