CAS

COLLEGE OF ARTS + SCIENCES

A Physicist in Hollywood: *Interstellar* in the Centennial Year of Einstein's General Relativity

An Evening with Kip Thorne

Friday, March 13, 2015
7:00 p.m.
150 Columbia Hall
1215 East 13th Avenue
UNIVERSITY OF OREGON CAMPUS

BOOK SIGNING FOLLOWS TALK

FREE ADMISSION

SEATING IS LIMITED

Sponsored by the Institute of Theoretical Science, College of Arts and Sciences, Department of Mathematics, and the Department of Physics.

Kip Thorne is one of the pioneers of the modern era of general relativity, gravitational physics, and astrophysics. He has done foundational work on black holes and gravitational waves, and was one of the early driving forces behind the epic LIGO program, which aims to use gravitational waves as a new means to probe the cosmos. Besides his leadership role in astrophysics research as the Feynman Professor of Theoretical Physics at Caltech (until 2009), Kip has long been keenly interested in presenting to the public the fascinating world of black holes, the big bang, wormholes, and other mind-bending concepts from general relativity. Working with his longtime friend Stephen Hawking, Kip has been one of the key figures in a wide variety of PBS and BBC shows which have been seen around the world. These efforts have culminated in his central role (with Linda Orbst) in the development and the production of the 2014 science fiction movie *Interstellar*, directed by Christopher Nolan. Kip was an integral part of the team working on *Interstellar*'s visual effects, for which the movie won an Oscar.

Kip has written a number of books on astrophysics and general relativity, including the very popular *Black Holes and Time Warps: Einstein's Outrageous Legacy* (which has been translated into 11 languages), and his very recent book, *The Science of Interstellar*. A part-time Oregonian, Kip is a master at conveying to the public the excitement and significance of discoveries in general relativity and astrophysics.

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