
Renowned theoretical physicist and Nobel laureate Kip Thorne

The Warped Side of the Universe



The renowned American theoretical physicist and Nobel Prize laureate Kip Thorne will be hosted by Charles University in Prague this week. The professor will be giving three lectures for both experts and lay audiences about gravitational wave astronomy and the non-linear dynamics of curved spacetime.

The last, called *The Warped Side of the Universe: From the big bang to black holes and gravitational waves*, is open to the public and taking place at the Faculty of Law on May 17 at five pm (main lecture hall nám. Curieových 901/7, Praha 1).

Kip Thorne's Prague visit is among the most anticipated events at CU this year. Aside from his marked contribution in the field of physics, Thorne is also well-known for his scientific consultation and work on the film *Interstellar*, directed by Christopher Nolan.



The Warped Side of the Universe: From the big bang to black holes and gravitational waves

There is a Warped Side to our Universe: objects and phenomena that are made from warped space and warped time. Three examples are black holes, the big bang in which our Universe was born, and ripples in the fabric of space-time called gravitational waves. Thorne will describe this Warped Side of our Universe and recent breakthroughs in the quest to probe it theoretically using computer simulations and observationally using gravitational waves.