

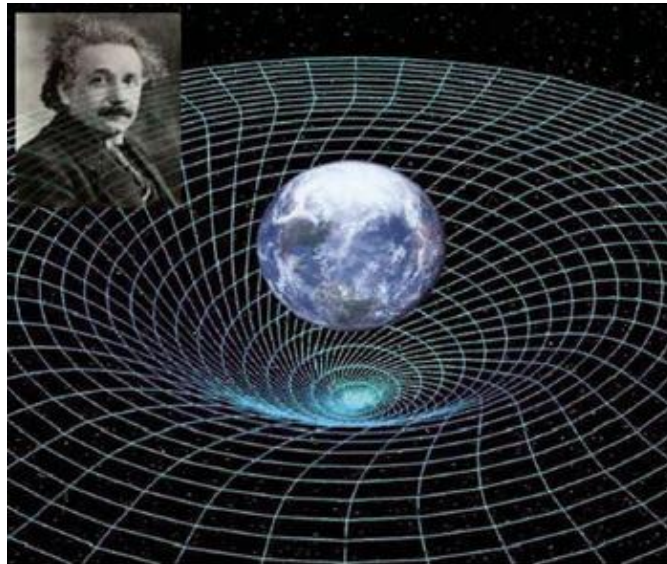
Waterford Institute of Technology

Seminar Series in Mathematics & Physics

Presents

One Hundred Years of General Relativity

Cormac O'Raifeartaigh, FRAS



This seminar will present a brief history of the general theory of relativity, Einstein's greatest contribution to science. First published in April 1916, general relativity replaced Newtonian mechanics with a view of nature in which space, time and gravitation are interdependent. We will consider how the theory led to the prediction of cosmological phenomena such as black holes, gravitational waves, the expanding universe and the big bang; modern observations of each of these phenomena will be reviewed.

Room : F03

Date : Wednesday 20th April 2016

Time : 4.15 p.m.

All are welcome to attend.