

# **From Classical to Quantum GR: Applications to Black Holes**

**Wednesday 16 January 2013 - Friday 18 January 2013**

**University of Sussex**

## **Scientific Programme**

This Winter School is aimed at post graduate students and young postdoctoral fellows. The program will consist of reviews of general relativity, quantum gravity, astroparticle physics and black hole physics. The emphasis of the lectures will be on how to probe new gravitational effects using colliders and astrophysical observations.

Speakers:

David Champion (Max-Planck-Institut fuer Radioastronomie)

Panagiota Kanti (University of Ioannina)

Claus Kiefer (Universitaet zu Koeln)

Iossif Papadakis (University of Crete)

Eram Rizvi (Queen Mary, University of London)

Elizabeth Winstanley (University of Sheffield)

Accommodations in Brighton are plentiful. The University of Sussex is located in Falmer which is a short bus or train ride away from Brighton. The University maintains a list of recommended hotels. Please have a look at the following link for directions to the University.