

Institute of Physics - Gravitational Physics Group

BRANE-WORLD GRAVITY

2 - 5.30pm Wednesday 13th November 2002
Lecture Theatre 1, Blackett Laboratory, Imperial College
Prince Consort Road, London SW7 2BW

Recent developments in string theory have revolutionised our view of how our four-dimensional Universe may be embedded within a higher dimensional spacetime. This meeting will introduce some of the novel perspectives offered by the brane-world scenario and describe the new challenges thrown down to theorists and experimenters.

Programme:

2.00 John March-Russell (CERN/Oxford):

Physics of brane-worlds

2.40 Ruth Gregory (Durham):

Gravity on the brane

3.20 Neil Turok (Cambridge):

Ekpyrotic and cyclic cosmology of brane-worlds

4.00 Tea and coffee break

4.30 Christian Trenkel (Birmingham):

Experimental tests of brane-world gravity

4.50 Marco Cavaglia (Portsmouth):

Brane and black hole production at high energies

5.10 Toby Wiseman (Cambridge):

Higher-dimensional black holes

5.30 Close

For directions to the Blackett Lab see <http://www.ph.ic.ac.uk/docs/location.htm>

A half-day meeting organised by the Institute of Physics, Gravitational Physics Group (contact david.wands@port.ac.uk)

IoP members and non-members welcome.