

Thursday 27 June

GRTL meeting - science day

MR5, Pavilion A, Centre for Mathematical Sciences

- Morning talks (compact objects):
 - 9.15 - 10.00: Morning coffee
 - 10.00 - 10.40: Numerical Relativity beyond General Relativity (Miguel Bezares, Nottingham)
 - 10.40 - 11.20: Modified Gravity and Black Strings (Shunhui Yao, QMUL)
 - 11.20 - 11.30: Stretch break
 - 11.30 - 12.10: Symmetry Restoration and Vacuum Decay from Accretion around Black Holes (James Marsden, Oxford).
 - 12.10 - 12.50: Initial data for boson star/black hole binary systems (Gareth Marks/Seppe Staelens, Cambridge)
- Afternoon talks (inflation):
 - 2.00 - 2.40: Starting cosmic inflation from inhomogeneous initial conditions (Cristian Joana , ITP-CAS)
 - 2.40 - 3.20: Stochastic Inflation in Numerical Relativity (Yoann Launay, Cambridge)
 - 3.20 - 3.40: Coffee
 - 3.40 - 4.20: Towards Dynamical Compactification (Panos Giannadakis, KCL)
 - 4.20 - 5.00: Bifurcations of collapse: critical phenomena in aspherical complex scalar fields (Daniela Cors, Cambridge)
 - 5.00: Closing remarks