Dynamics of General Relativity:
Black holes and Asymptotics

December 10 - 21, 2012
organised by: Lars Andersson, Robert Beig, Mark Heinzle, Sascha Husa

Workshop Schedule, December 17 - 20, 2012

Week 2

- **Monday, December 17, 2012**
  14:00 – 14:55: Helmuth Friedrich
  A formal expansion of purely radiative vacuum solutions at past timelike infinity
  15:00 – 15:55: Maciej Maliborski
  Dynamics of a Yang–Mills field in the Einstein cosmos

- **Tuesday, December 18, 2012**
  14:00 – 14:55: Olivier Sarbach
  Initial-boundary value formulations for Einstein's field equations
  15:00 – 15:55: Anil Zenginoglu
  Green functions and caustic echoes from black holes

- **Wednesday, December 19, 2012**
  11:30 – 12:30 Mikolaj Korzynski
  Cubic black hole lattices: initial data and evolution
  14:00 – 14:55: Vincent Moncrief
  Constrained propagation of spherically symmetric Einstein-Yang-Mills Fields out of Scri
  15:00 – 15:55: Gerhard Rein
  Equilibrium configurations of self-gravitating matter distributions

- **Thursday, December 20, 2012**
  11:30 – 12:30: Gerhard Schäfer
  Dynamics of binary systems in Hamiltonian general relativity

All lectures take place at the ESI Boltzmann Lecture Hall