Britgrav 6
University of Nottingham, 4–5 April 2006
Programme

(Last updated April 4, 2006.)

Talks: Pope C16.
(Self-)Registration: Pope C14.
Coffee/Tea: Pope C10.
Reception: Canalhouse pub (Canal Street, City Centre).

Tuesday 4 April

10:30 Coffee

11:05 Opening remarks

11:15 **Valiente Kroon, Juan Antonio:**
On smoothness-asymmetric null infinities

11:30 **Losert-Valiente Kroon, Christiane Maria:**
Static elastic shells in Einsteinian and Newtonian gravity

11:45 **Nolan, Louise:**
Dynamical Systems Analysis of Non-Hyperbolic Equilibrium points in General Relativity

12:00 **Sarnobat, Prakash:**
The Wahlquist exterior? Second order physical interpretation

12:15 **Heineke, Reece:**
Torsion-driven inflation in Einstein-Cartan theory

12:30 Lunch

2:30 **Walsh, Darragh:**
Non-Uniqueness in the Extended Conformal Thin Sandwich System

2:45 **Gundlach, Carsten:**
Recent progress in binary black hole formulations

3:00 **Hilditch, David:**
First steps towards using 'asymptotically null' slices in the Einstein initial value problem

3:15 **Calabrese, Gioel:**
Consistent boundary conditions in numerical relativity

3:30 **Hawke, Ian:**
Gravitational waves from the collapse of a neutron star to a black hole

3:45 **Jones, Ian:**
Astrophysical input for gravitational wave searches for spinning neutron stars

4:00 Tea

4:30 **Andersson, Nils:**
Modelling dissipation in superfluid neutron stars

4:45 **Haskell, Brynmor:**
Detecting mountains on neutron stars

5:00 **Samuelsson, Lars:**
Torsional oscillations in the neutron star's crust

5:15 **Sidery, Trevor:**
Evolution Models of Rotating Superfluids

6:30 Drinks reception (hosted by CQG)

Wednesday 5 April

9:45 **Nolan, Brien:**
Bounds for scalar waves in self-similar collapse

10:00 **Dolan, Sam:**
Wave Scattering and Absorption by a Schwarzschild Black Hole

10:15 **Kunstatter, Gabor:**
Highly damped quasinormal modes of black holes: Universality and relevance

10:30 Coffee

11:00 **Winstanley, Elizabeth:**
Abundant stable EYM hair for black holes in AdS

11:15 **Kottanattu, George:**
Static axisymmetric SU(2) geon black holes

11:30 **Satz, Alejandro:**
How often does a moving detector click?

11:45 **Osterbrink, Lutz:**
Energy inequalities for the nonminimally coupled scalar field

12:00 **Larkin, Peter:**
A Simple Example of Algebraic Holography

12:15 **Johnson, Richard:**
Twistor Transform for the Lorentz Group

12:30 Lunch

2:30 **Anderson, Edward:**
Problem of Time in Quantum Gravity

2:45 **Louko, Jorma:**
Classical singularities versus quantum superselection sectors

3:00 **Barrett, John:**
3d quantum gravity

3:15 **Naish-Guzman, Ileana:**
Observables in the Ponzano-Regge model of quantum gravity

3:30 **Krasnov, Kirill:**
Quantum gravity from Feynman diagrams

Closing remarks. Best Student Talk Prize.

29 talks