FLASH/AMR meeting ICC Durham 14-18 June 2004.

Institute for Computational Cosmology, Ogden Centre for Fundamental Physics
Durham University Science Site

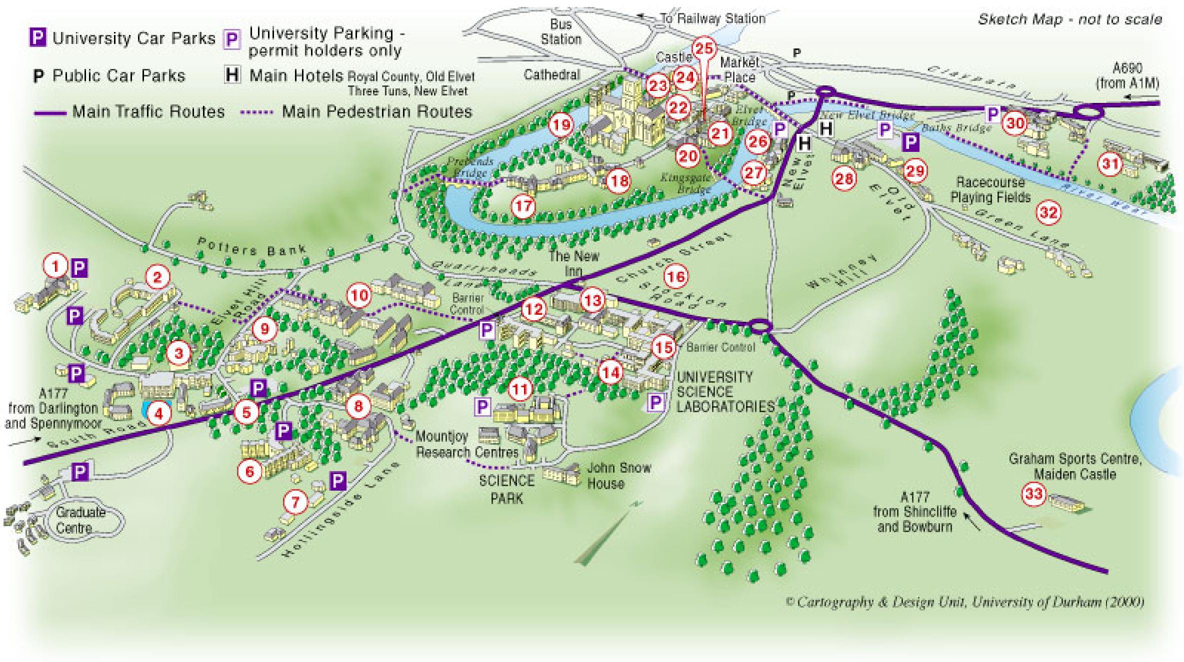

Figure 1: Science site is at Stockton Road, centre of map.

- Taxi: Paddy's: 0191 384 2853
- Tom's mobile: 07760 395543
- Emma Durrant: 0191 334 3766
- All talks are in OC218, on the 'first' floor of the Ogden Centre

Extra-curricular:

- Wednesday 16th: Don Giovanni in the garden of Grey's college (5:30pm)
- Friday 18th: concert by Durham University Orchestral Society (Durham cathedral 7:30pm)
- Food: There are a zillion 'Italian' restaurants in Durham, and most pubs do food.

Sunday June 13:
Social gathering at the Court Inn (Court Lane, Tel: 0191 3847350) for dinner and drinks from 7pm (Dinner served until 10:30pm)

Review talks are 50'+10', contributed talks are 20'+10'
Monday June 14

08:45-09:15 Breakfast at ICC's (ICC patio)

09:15-09:30 Welcome.

09:30-10:30 Paul Ricker: Applying FLASH to cosmological problems

10:30-11:00 Coffee

11:00-12:00 Dan Sheeler: FLASH 3.0

12:00-13:00 Brad Gallagher: FLASH I/O: Data structures, I/O strategies and visualisation

13:00-14:00 Lunch (ICC patio)

14:00-14:30 Antonella Maselli: CRASH: a grid-based code for radiative transfer simulations

14:30-15:00 Erik-Jan Rijkhorst: Simulating Planetary Nebulae: a radiation transport module for FLASH

15:00-15:30 Planning the split sessions

15:30-15:45 Lydia Heck: Using the ICCs computers

15:45-16:00 Coffee

16:00- .. Split sessions.

Tuesday June 15

09:00-09:30 Breakfast at ICC's (ICC patio)

09:30-10:30 Brian O'Shea: The ENZO AMR Cosmology Code

10:30-11:00 Coffee

11:00-12:00 Romain Teyssier: The RAMSES AMR cosmology code

12:00-13:00 Alexander Knebe: MLAPM Multi-Level Adaptive Particle Mesh

13:00-14:00 Lunch (ICC patio)

14:00-14:30 Update on split sessions

14:30- .. Split sessions.

Wednesday June 16

09:00-09:30 Breakfast at ICC's (ICC patio)

09:30-10:00 Vicent Quilis: The MASCLET AMR cosmology code

10:00-10:30 Craig Booth: Cosmological initial conditions generation with GRAFIC 2

10:30-11:00 Coffee

11:00-11:30 Darren Reed: the PM/Tree code PKDGRAV

11:30-12:00 Adrian Jenkins and Takashi Okamoto: The SPH Tree/PM code GADGET II

12:00-12:30 Update on split sessions

12:30-13:45 Lunch (Palace Green)

13:45-14:45 Visit to Durham cathedral (3 1/2 pounds)

15:00-16:00 Visit to Durham castle (3 1/2 pounds)

16:30-.. Split sessions

Thursday June 17

09:00-09:30 Breakfast at ICC's (ICC patio)

09:30-10:00 Marcus Brüggen: Heating and cooling in clusters of galaxies

10:00-10:30 Alessandro Gardini: Studying the balance between heating and cooling in the ICM

10:30-11:00 Coffee

11:00-11:30 Paul Ricker: FLASH AMR Simulations of galaxy cluster formation

11:30-12:00 Claudio Dalla Vecchia: Blowing bubbles

12:00-12:30 Matthias Hoeft: Galaxies in voids: a numerical study

12:30-13:00 Pablo Araya: Delaunay Tessellation field estimator

13:00-14:00 Lunch (ICC patio)

14:00-14:30 Update on split sessions

14:30-.. Split sessions

Friday June 18

09:00-09:30 Breakfast at ICC's (ICC patio)

09:30-10:00 Brian O'Shea: Massive primordial stars

10:00-10:30 Yann Rasera: Average star formation history in LCDM halos with RAMSES

10:30-11:00 Coffee

11:00-11:30 Update on split sessions

11:30-13:00 Split sessions

13:00-14:00 Lunch (ICC patio)

14:00-14:30 Update on split sessions

14:30-.. Split sessions