

# 3rd International EULAG Workshop on Eulerian/Lagrangian methods for fluids.

25th -28th June 2012. Loughborough UK

Supported by the NERC and NCAS

First announcement <http://www.mmm.ucar.edu/eulag/>

Following the success of previous workshops in Sopot (2010) and Bad Tölz (2008) we are pleased to confirm details of the 3rd International EULAG Workshop. The workshop aims to bring together researchers from multidisciplinary backgrounds to discuss recent progress and experience related to Eulerian and/or Lagrangian based fluid solvers. It will focus on methods development, complex multiscale simulations and their validation. As in previous years, the workshop will also serve as a forum for the exchange of information among EULAG model users and developers of related numerical methods.

## Workshop Topics will include:

- Algorithm developments contributing to Eulerian, Lagrangian, Arbitrary Lagrangian Eulerian (ALE), Semi-Lagrangian and particle methods, advection and elliptic solvers, explicit and implicit time integration techniques for stiff problems, physical parameterisations, mesh adaption, computational efficiency, accuracy and parallelization.
- Applications to geophysical flows, hydrodynamics and other relevant engineering and physical problems.

## Deadlines

- To pre-book a hotel room, please send an e-mail to [j.szmelter@lboro.ac.uk](mailto:j.szmelter@lboro.ac.uk), by **October 24, 2011**, stating your arrival and departure dates.
- All presentations will be contributed. Please submit a half page long abstract by e-mail to [j.szmelter@lboro.ac.uk](mailto:j.szmelter@lboro.ac.uk) by **February 1, 2012**.
- The committee will e-mail notifications of acceptance by **February 20, 2012**.

## Conference Information

- Loughborough University is the largest sport university in the UK and is the official preparation camp headquarters for Team GB and Japan for the London 2012 Olympic Games, therefore accommodation at this time in Loughborough will be scarce. We have made a block booking at the university hotel <http://burleighconference-px.rtrk.co.uk/conference-venues/burleigh-court/>, next to the venue, at a special rate of £60 per night including breakfast. To ensure the rooms are kept available, we need to pre-book them by **October 24, 2011**. Bookings can be cancelled without charge, up to 31 days prior to check-in.
- There are no conference fees.
- The university <http://www.lboro.ac.uk/> is well connected by rail, road and air. East-Midlands airport <http://www.lboro.ac.uk/about/findus.html> is 7 miles from the university. There are many places to visit locally, while famous <http://www.stratford-upon-avon.co.uk/>, <http://www.chatsworth.org/>, and <http://www.sherwoodforest.org.uk/> are less than an hour drive away.

## Organising committee

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