

Liquid combustion workshop

15. - 16. February 2012

Brno, Czech Republic, venue: Hotel Continental, Brno

Workshop is organized by Energy Institute, BUT, Czech Republic in the frame of 7th FP, project LIMOUSINE

Wednesday 15th : Graham Wigley

The laser diagnostics techniques - theory lecture in the morning. Theoretical background to the spray diagnostics will be given.

Experimental life - afternoon in the lab. How is the theory reflected in the lab. How the spray and the laser measurements really look like.

Thursday 16th : Mikhael Gorochovski

Liquid atomisation and spray combustion modelling - The Computational Fluid dynamics is established method which is still challenged by the multi-phase combustion modelling. The overview of the latest development in the field will be given. Lagrangian as well as Eulerian approach will be discussed.

Large Eddy simulation in spray modelling - Models and development in the field of LES turbulence model in multiphase flows.

The workshop starts at 9am every day and runs till 5pm.

To apply please write to forman@fme.vutbr.cz.

Graham Wigley: The department of Aeronautical and Automotive Engineering, Loughborough University, UK

Mikhael Gorochovski: Laboratoire de Mecanique des Fluides et Acoustique Ecole Centrale de Lyon

The workshop is organised by
Energy Institute, Brno University of Technology.
<http://ottp.fme.vutbr.cz/limousine>

