

# European Research Community on Flow, Turbulence and Combustion

## ERCOFTAC Autumn Festival & Committee Meetings

1-2<sup>nd</sup> October 2009

EPFL, Lausanne, Switzerland

### Thursday 1<sup>st</sup> October

- 8:30-9:00** Registration and Coffee, Room CO 011.
- 9:00-13:00** Presentations by ERCOFTAC Special Interest Group coordinators and members
- Anthony Hutton 'The emerging role of hybrid simulations'
- Jari Hämäläinen 'Fibre suspension flows: State-of-the-art modelling and experiments'
- Anton van Steenhoven 'Bio-thermal modelling of patients under hypothermic conditions'
- 10:15-10:45** Coffee Break
- Sedat Tardu 'Microfluidics: State-of-the-art'
- René Oliemans 'Best practice guidelines for computational turbulent dispersed multiphase flows'
- Michael Leschziner 'Simulation of synthetic jets'
- 13:00-14:30** Lunch
- 14:30-17:30** The ERCOFTAC 'da Vinci 2009 Doctoral Thesis Award'  
Presentations by the finalists, followed by the awards ceremony.
- Benjamin Böhm 'Experiments for the validation of LES: Turbulence-flame interactions in extinguishing turbulent opposed jet flames'  
TU Darmstadt, Germany.
- Angela Ferrari 'A new parallel 3D SPH scheme for free surface flows'  
University of Trento, Italy.
- Sven Grundmann 'Transition control using dielectric-barrier discharge actuators'  
TU Darmstadt, Germany.
- Florian Schwertfirm 'Direct simulation and modelling of micromixing in high Schmidt number flows'  
TU München, Germany.
- Jeroen Witteveen 'Efficient and robust uncertainty quantification for computational fluid dynamics and fluid-structure interaction'  
TU Delft, The Netherlands.

### Friday 2<sup>nd</sup> October

- 9:00-12:00** SPC Committee meeting. Room CO 122  
IPC Committee meeting Room CO 123
- 12:00-14:00** Buffet lunch
- 14:00-17:00** Managing Board and General Assembly meetings Room CO 122