

7TH INTERNATIONAL ERCOFTAC SYMPOSIUM ON ENGINEERING TURBULENCE MODELLING AND MEASUREMENTS

- ETMM7 -

4 – 6 JUNE 2008,

AMATHUS BEACH HOTEL, LIMASSOL, CYPRUS

The central role of turbulence in aerodynamics, propulsion, power generation, pollution, heat transfer, acoustics and all manner of loss-causing mechanisms, continues to make it a subject of intensive research. At a fundamental level, turbulence researchers aim to illuminate the basic mechanisms governing the phenomenon and its interaction with other flow-physical processes; modellers strive to improve statistical closures and extend the predictive capabilities of simulation strategies; and experimentalists endeavour to provide insight and data for model validation and design. At the applied level, industrial practitioners synthesize models, data and insight to derive design-oriented predictions of important operational conditions of fluid-flow components and processes.

ETMM7 aims to provide a bridge between researchers and practitioners by exposing progress in the more applied, industrially-oriented areas of turbulence research. This includes the development and improvement of statistical closures for practical applications; the enhancement and extension of simulation strategies; novel applications of prediction schemes to complex flow conditions and geometries, including interactions between turbulence and chemistry, flexible structures and dispersed phases; and the symbiosis of modelling, simulation and experimental research.

MAJOR THEMES

- Novel modelling and simulation methods for practically relevant turbulent flows, including interaction with heat and mass transfer, combustion and multi-phase transport
- Novel experimental techniques for flow, turbulence and combustion
- New experimental studies and data sets
- Innovative applications of modelling and simulation to industrial applications and optimisation

ORGANISING COMMITTEE

- M.A. Leschziner (Chairman), Imperial College London
- S. Kassinos (Co-chairman and local organiser), Univ. of Cyprus
- J-P. Bonnet, Univ. of Poitiers
- D. Laurence, Univ. of Manchester
- F. Menter, ANSYS Germany
- W. Rodi, Univ. of Karlsruhe
- A. Tomboulides, Univ. of Western Macedonia
- C. Tropea, Technical Univ. of Darmstadt

INVITED SPEAKERS

- C. Bailly (Ecole Centrale de Lyon)
- D. Gosman (CD-Adapco and Imperial College London)
- J. Janicka (Technical University of Darmstadt)
- E. Longmire (University of Minnesota)
- P. Moin (Stanford University)
- U. Piomelli (University of Maryland)

REGISTRATION

Registration is possible through the website of the Symposium:

<http://www.topkinisis.com/ercoftac/etmm7>.

Due to seasonal demands hotel rooms can only be guaranteed if hotel registration is done before the 1st of March 2008. For further inquiries please contact the Conference Secretariat:

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