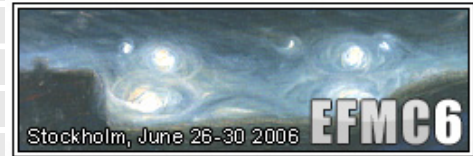




The 6th Euromech Fluid  
Mechanics Conference



# Euromech Fluid Mechanics Conference – 6 (EFMC6)

The 6<sup>th</sup> Euromech Fluid Mechanics Conference will be held at the Royal Institute of Technology (KTH) in Stockholm and organized by the Department of Mechanics (KTH Mechanics).

**KTH Mechanics, Stockholm**  
**June 26–30, 2006**

The conference aims to provide an international forum for exchange of information of all aspects of fluid mechanics, including instability and transition, turbulence, multiphase and non-Newtonian flows, bio-fluid mechanics, reacting and compressible flows, numerical and experimental methods, as well as applications.

Eight prominent scientists will give keynote lectures in their respective field of expertise.

- ❑ **Gustav Amberg (Sweden)** – *Fluid mechanics of phase change*
- ❑ **Stephan Fauve (France)** – *Generation of magnetic fields by turbulent flows of liquid metals*
- ❑ **Sascha Hilgenfeldt (USA)** – *The power of bubbles: Unconventional microfluidics*
- ❑ **Rich Kerswell (UK)** – *Progress in Reynolds' problem: transition to turbulence in a pipe*
- ❑ **Hilary Ockendon (UK)** – *Continuum models in industrial applications*
- ❑ **Norbert Peters (Germany)** – *Combustion*
- ❑ **Jens Sørensen (Denmark)** – *Wind turbine wake structures*
- ❑ **Sandra M. Troian (USA)** – *Slip at Liquid/Solid Interfaces: Comparison between Continuum Predictions and Molecular-Scale Models*

Furthermore, five mini-symposia are scheduled to provide training to early stage researchers in the following topics: *New developments in hydrodynamic stability, Swirling flows, Vehicle aerodynamics, Two phase flows, and Microfluidics.*

**Abstract submission deadline: December 15, 2005**

<http://www2.mech.kth.se/efmc6/>

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