



Linné **FLOW** Centre

## Annual meeting 13-14 January 2009 Sånga-Säby

### *Program*

#### **13 Jan.**

- 12:00      *Lunch*
- 13:00      Welcome and brief report  
                 *Dan Henningson, MEK*
- 13:15      FLOW graduate school  
                 *Luca Brandt, MEK*
- 13:25      Linné Flow Centre lecture: Phase-field models with nematic order parameters  
                 *Mathis Plapp, Laboratoire PMC – Ecole Polytechnique*
- 14:10      Two FLOW events  
                 Ekman – *Philipp Schlatter, MEK*  
                 Jamboree – *Jens Fransson, MEK*
- 14:40      *Coffee*
- 15:10      Centre for ECO<sup>2</sup> vehicle design  
                 *Susann Boij, MWL*
- 15:40      Presentation of group activity  
                 *Gunilla Efraimsson, MWL, and Johan Hoffman, NA*
- 15:55      Group activity
- 17–18      Presentation of group activity
- 19:00      *Dinner*

#### **14 Jan.**

- 08:45      Invited lecture: Biofluid Mechanics  
                 *Matts Karlsson, Biofluid Mechanics Laboratory, LiU*
- 09:15      Research area reports and outlook (I–V):
- 09:15      I. Stability and transition: *Jens Fransson, MEK*
- 09:30      II. Flow control and optimisation: *Luca Brandt, MEK*
- 09:45      III. High Re-number turbulence, incl. geophys. flows: *Philipp Schlatter, MEK*
- 10:00      *Coffee*
- 10:30      IV. Micro- and complex fluids: *Gustav Amberg, MEK*
- 10:45      V. Low Ma-number aeroacoustics: *Gunilla Efraimsson, MWL*
- 11:00      Discussion and future directions
- 12:00      *Lunch*
- 13:30      FLOW board meeting