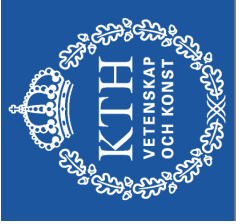


## KCSE kickoff, Lovik

- About 40 participants, half PhD students
- Risto Nieminen, HUT about CSE
- Presentations of some key activities of KCSE departments
- Several common themes between departments  
Multiscale, Schrödinger, Navier-Stokes, Maxwell
- Discussions about KCSE's future activities  
Common graduate/masters courses  
Seminar series and annual meeting  
Proposals to SSF and KAW (Kallsup III)



25-26 Nov 2004



## Kick off program

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### Thursday 25/11

13:00

#### **Welcome and KCSE Presentation**

*Börje Johansson, Vice chairman, Dan Henningson, Director*

13:30

#### **Computational science and its role in modern research**

*Risto Nieminen, HUT*

15:00

#### **Computational Biology**

*Hans Ågren, Biotechnology*

15:30

#### **Computational Fluid Dynamics**

*Luca Brandt, Mechanics*

16:00

#### **Computational Electromagnetics**

*Jesper Opperstrup, NADA*

16:30-18:00

#### **Group activities: Getting to know each other**

### Friday 26/11

08:30

#### **Group activities: Future activities of KCSE**

*Coffee during discussions*

11:00

#### **Aerodynamic and aeroacoustic computations**

*Art Rizzi, Gunilla Efraimsson, Aeronautical and Vehicle Eng.*

11:30

#### **Computational Materials Science**

*David Andersson, Materials Science and Engineering*



## Discussions about future activities of KCSE

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- **Curriculum for the Graduate School**
  - Common graduate/master courses
  - Core courses with broader appeal identified
- **Future activities of KCSE**
  - Seminar series and annual (multidisciplinary) meeting
  - Lobbying for CSE at KTH
  - Computer resources: Kallsup III proposal
  - SUS-initiative at SSF: proposal with UU
  - Coordination with future Vinn X centres
- **Role of KCSE in CSE education**
  - Integrating computations in undergraduate mathematics teaching
  - Coordination of masters programs dealing with aspects of CSE
  - Computational majors for F- and T- students within School of Science?
- **Research activities within KCSE**
  - Possibilities for coordination and synergy of research projects
  - Networking and multidisciplinary projects