

## Scientific Computing

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## CBC Workshop on Simulation of Biomedical Flow Problems - June 25

**Dr. Thomas J. R. Hughes is visiting CBC, and will hold a presentation on recent advances in simulating biomedical flows and structures. His research interests include: Computational methods in solid, structural and fluid mechanics. Recent work includes the determination of hydrodynamic noise sources in turbulent flows, stabilized and multiscale methods in Large Eddy Simulation, and the development of cardiovascular surgical procedures based on simulations of patient-specific models.**

Total number of participants: 18  
 Number of different nationalities represented: 5  
 Total number of speakers: 4  
 Total number of talks: 4



### Program

16:00-16:50 Presentation from SIMULA  
 Short introduction by Hans Petter Langtangen (5 min)  
 Blood flow in the Circle of Willis by K.-A Mardal (15 min)  
 Flow of cerebrospinal fluid in the upper spinal canal, by S. Linge (15 min)  
 The FEniCS software platform by Anders Logg (15 min)

16:50-17:00 Coffee break

17:00-17:30 Presentation by Tom Hughes

17:30-18:00 Discussions

<b>What</b>	
<b>When</b>	Jun 25, 2008 from 04:00 PM to 06:00 PM
<b>Where</b>	Simula
<b>Contact Name</b>	Kent A. Mardal
<b>Add event to calendar</b>	 vCal  iCal