

## Scientific Computing

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## CBC Workshop on the State of FSI and Multiphysics Topics - January 7, 2014

**January 7th 2014 we will have an internal CBC workshop where we talk about the state of FSI and other multiphysics topics in the CBC, and discuss future directions and possible collaborations.**

Total number of participants: 21  
 Total number of guests outside of CBC: 0  
 Number of different nationalities represented: 4  
 Total number of speakers: 6  
 Total number of talks: 6

### 13-16 Open internal workshop

January 7th 2014 we will have an internal CBC workshop where we talk about the state of FSI and other multiphysics topics in the CBC, and discuss future directions and possible collaborations.

In the preliminary workshop program we have talks about past and future work, covering methods, (FEniCS) implementation and applications:

1300 Anders Logg - "CCFEM implementation in FEniCS"  
 1320 Andre Massing - "CutFEM for multi-physics problems on complex domains"  
 1340 August Johansson - "A High Order DG Cut Finite Element Method for Elliptic Problems"  
 1400 Johan Hake - "FSI and Multiphysics in FEniCS --perspectives from the Cardiac modeling department"  
 1420 Simon Funke - "Topology optimisation of Stokes flow with FEniCS"  
 1440 Martin Alnæs - "FSI and multiphysics in FEniCS -- Perspectives from a code generation developer"



1440-1600 Coffee and discussion

The intension is to spark discussion and ideas, both between the talks and in the session afterwards.

End time depends on intensity of discussions after the talks.

### 1600-1630

If necessary we do a summary meeting after the open discussions.

<b>What</b>	
<b>When</b>	Jan 07, 2014 from 01:00 PM to 04:25 PM
<b>Where</b>	Storstua
<b>Contact Name</b>	Martin Alnæs
<b>Attendees</b>	Martin Alnæs Anders Logg Hans Petter Langtangen Glen Lines August Johansson Sam Wall Mikael Mortensen Miroslav Kuchta Joakim Sundnes Siri Kallhovd Jarle Sogn Tom Andreas Nærland Karen Støverud Marie Rognes Øyvind Evju Magne Nordaas Kent-Andre Mardal Simon Funke Sjur Gjerald Johan Hake Simone Pezzuto
<b>Add event to calendar</b>	 vCal  iCal