

Scientific Computing

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CBC Workshop on Dolfin Adjoint - May 15, 2014

Dr. Simon Funke will give a mini-course on Dolfin-adjoint, May 15 at 13:00 in Storstua.



Total number of participants: 15
 Total number of guests outside of CBC: 1
 Number of different nationalities represented: 6
 Total number of speakers: 1
 Total number of talks: 1

About

Everyone interested in optimisation and computational mathematics is invited to a 3h mini-course on solving PDE-constrained optimisation problems with FEniCS. Topics covered include adjoint and tangent linear models, introduction to dolfin-adjoint, optimisation algorithms, and applications of PDE-constrained optimisation. If you always wanted to optimally control the Navier-Stokes equations, then this course is for you! It consists of lectures combined with (group) exercises.

Bring your laptops with a working installation of the open-source finite element framework FEniCS (<http://fenicsproject.org/download/>) and dolfin-adjoint (dolfin-adjoint.org/download). Participants are encouraged to install the software before the course starts or download the virtual machine as described in the link below.

For further information, please visit <https://docs.google.com/document/d/1JTV-FEHIns-v4xiSja8sUAB6Qo9GW3MS1MeWpWeFBkw/edit#>

What	
When	May 15, 2014 from 01:00 PM to 04:00 PM
Where	Storstua @ Simula
Contact Name	Simon Funke
Attendees	August Johansson Gabriel Balaban Glenn Terje Lines Hans Petter Langtangen Johan Hake Johannes Langguth Kent Andre Mardal Lukasz Paszkooski Mads Larson Magne Nordaar Marie Rognes Martin Alnæs Simon Funke Simone Pezzuto Siri Kallhovd
Add event to calendar	 vCal  iCal