

Scientific Computing

- Publications
- Center for Biomedical Computing
- Projects
- Available Master's topics
- Intranet
- People



CBC Talk on Kalman Filtering - August 28, 2014

Next Thursday 28.08.2014 Karl Erik Holter will be giving a talk about Kalman Filtering. He worked for six weeks on this topic this summer and has implemented a reduced order filter which can be used for material parameter estimation in finite element models. The implementation is simple and easy to use, and could be useful in a variety of projects.

Total number of participants: 19
 Total number of guests outside of CBC: 5
 Number of different nationalities represented: 8
 Total number of speakers: 1
 Total number of talks: 1

Abstract

"I define the linear Kalman filter, and discuss advantages and disadvantages of three generalizations. Further, I show how Kalman Filtering can be applied to parameter estimation in large scale mechanical systems coming from finite element discretizations, and give the results of an experiment with cardiac stiffness estimation."

What	
When	Aug 28, 2014 from 11:30 AM to 12:15 PM
Where	Bakrommet @ simula
Contact Name	Gabriel Balaban
Attendees	August Johansson Aymen Said Benjamin Kehlet Christoph Moder Gabriel Balaban Glenn Terje Lines Joakim Sundnes Karl Erik Holter Kent Andre Mardal Kristin Sara Mcleod Magne Nordaas Marie Rognes Øyvind Evju Sabine Hippchen Sam Wall Simon Funke Simone Pezzuto Siri Kalhovd Sjur Røte
Add event to calendar	 vCal  iCal