

## Scientific Computing

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### CBC Seminar on advanced use of Python programming language - August 26, 2010

This half-day seminar focus on exchanging experience with Python programming and computing. The researchers at CBC are joined with biologists from the Radium hospital, as well as statisticians and computer scientists from UiO. The main focus of this seminar is on how to facilitate large-scale data mining and computing through advanced use of the Python programming language.

Total number of participants: 11  
 Total number of guests outside of CBC: 6  
 Number of different nationalities represented: 2  
 Total number of speakers: 4  
 Total number of talks: 2

#### Schedule:

##### 13-14: Computational speed-up by mixed programming



Øyvind Øvergaard: Why/how we have (so far) done without mixed programming  
 Ola Skavhaug: Using Python for scientific computing (tentative title)  
 Discussion on mixed programming

##### 14-15: Parallel programming and computation

Jonathan Lillesæter: Aiming for web-user initiated parallel execution on TITAN with GPFS  
 Xing Cai, Parallel programming using Python  
 Discussion on parallel programming

##### 15-16: General discussion

Possible topics: run time prediction, low-effort web tools, and use of cached objects to represent computations, and possibilities for collaboration

<b>What</b>	▪ Seminar
<b>When</b>	Aug 26, 2010
<b>Where</b>	from 01:00 PM to 04:00 PM
<b>Contact Name</b>	Bakrommet @ Simula
	Xing Cai
<b>Attendees</b>	Eirik Mistereggen Geir Kjetil Sandve Hans Petter Langtangen Jonathan Lillesæter Lyudmilla Vynntska Morten Ola Skavhaug Ralph Lorentz Sveinung Gundersen Xing Cai Øyvind Øvergaard
<b>Add event to calendar</b>	 vCal  iCal