

Scientific Computing

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CBC National Graduate School in Science and Technology - June 12-14, 2012

CBC taught a Swedish National Graduate Course in Science and Technology at the University of Uppsala in June. The aim of the course was to give the students a toolbox of programming methods that can be applied to his/her PhD project. The focus is on Fortran 95 and Python, but some C++ will also be covered.

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After successful completion of the course, the student should be able to

- write modularized software using Fortran 95
- use Python scripting for computational science and engineering applications
- use tools for interactive visualization
- conduct object-oriented analysis of problems in computational science and engineering
- implement and test object-based numerical software in Fortran 95 and object-oriented numerical software in Python
- use these insights in practice in solving problems of relevance of her/his PhD-project

What	
When	Jun 12, 2012 09:00 AM to Jun 14, 2012 03:00 PM
Where	University of Uppsala
Contact Name	Benjamin Kehlet
Add event to calendar	 vCal  iCal