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CBC Lecture on Parallel Programming, OpenMP - March 17, 2010

We hereby invite you to a lunch session on OpenMP, an easy to use, portable, and flexible environment for developing parallel C/C++ and Fortran applications.

Total number of participants: 15
 Total number of guests outside of CBC: 5
 Number of different nationalities represented: 6
 Total number of speakers: 1
 Total number of talks: 1

OpenMP is probably the most widely used shared memory programming environment. The interface can be added to existing codes with much less fuss than other parallel methods; making parallel applications within reach for (almost) any scientist that can program. If you've got some code that has a nasty iterating loop that chews up your laptop at work while you wait around twiddling your thumbs, then this may be just the course for you.

Preferred Background Knowledge

Some idea about programming (perhaps familiarity with C-like or fortran coding), but no parallel programming experience required.

Course Contents

The course only covers the most commonly used OpenMP commands. In addition, common performance traps and relevant programming skills will be introduced. The aim of the course is to understand basic OpenMP programming for immediate applicability. For those are interested, time is allocated for more detailed and specific discussions after the course.

What to bring

You can just turn up or you can bring along some code on your laptop. Feel free to corner Wenjie for discussions and questions after the formal part of the presentation.

What	▪ Lecture
When	Mar 17, 2010 from 12:30 PM to 01:30 PM
Where	Mellomrommet@simula.no
Contact Name	Stuart Clark
Attendees	Andre Massing, AC/DC Aron Wahlberg, AC/DC Carsten Griwotz, MPG Dag Horaur Finstad, MPG Guay Wei Lin, Netsys Haldvard Moe, Kalkulo Joachim Haga, CG Marie Rognes, AC/DC Omar Al-Khayat, CG Qin Xin, TELCO Rainer Nerlich, CG Stuart Clark, CG Tim Dorscheidt, CaMo Tor Gilberg, CG Xing Cai, CG
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