PATC Course: Simulation Environments for Life Sciences

Objectives

The course will make the attendants familiar with simulation technologies used in Life Sciences and their specific adaptation to HPC environment

Detailed outline:
Introduction to biomolecular simulation
Coarse-grained and atomistic simulation strategies
Automated setup for simulation

HPC specifics: Large scale parallelization, use of GPU's
Storage and strategies for large scale trajectory analysis

Learning Outcomes: Setup, execute, and analyze standard simulations in HPC environment

NOTE: PATC courses do not charge fees.

The registration for this course opens on 1st of October 2013.

PLEASE BRING YOUR OWN LAPTOP.

Recommended Accomodation:

Please follow the link for map of some local hotels.

Contact Us:

CONTACT US for further details about MSc, PhD, Post Doc studies, exchanges and collaboration in education and training with BSC.

For further details about Postgraduate Studies in UPC - Barcelona School of Informatics (FiB), visit the website.

Sponsors:

The PATC Courses at BSC are funded by BSC and the PRACE 3IP Project.

If you want to learn more about PRACE Project, visit the website.

Barcelona Supercomputing Center - Centro Nacional de Supercomputación