Course: HPC-based simulations, Engineering and Environment

All PATC Courses do not charge fees.

Registration for this course opens on 1st of October 2013.

PLEASE BRING YOUR OWN LAPTOP.

Objectives: The objective of this course is to show some computational tools able to model complex engineering problems. Specifically, three tools developed by BSC will be showed in parallel sessions:

ALYA: to simulate complex multiphysic engineering problems.

FALL3D: to simulate volcanic dust dispersion.

PANDORA: to develop Agent Based Models using HPC platforms.

Learning Outcomes: The students who finish this course will be able to use these computational tools in real engineering problems

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 PRACE 3IP project.

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

Barcelona Supercomputing Center - Centro Nacional de Supercomputación