**PATC: HPC-based simulations, Engineering and Environment with applications in Bioengineering**

**Objectives**

The objective of this course is to give a panorama on the use of hpc-based computational mechanics in Engineering and Environment through the projects BSC are carrying on. This panorama includes the basics of what is behind the main tools: computational mechanics and parallelization. The training is delivered in collaboration with the center of excellence CompBioMed.

A number of fixed amount travel grants will be offered to a selected number of participants for covering part of their travelling expenses. More information will be published soon.

**Requirements**

**Level:** All courses are designed for specialists with at least 1st cycle degree or similar background experience.

**All PATC Courses at BSC do not charge fees.**

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**Academic Staff**

Course Convener: Mariano Vazquez
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- For further details, please contact BSC?CNS patc [at] bsc [dot] es

Further information

Sponsors:

BSC and PRACE 3IP project are funding the PATC @ BSC training events.
If you want to learn more about PRACE Project, visit the website.

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.

Recommended Accommodation:

Please follow the link for map of some local hotels.

Barcelona Supercomputing Center - Centro Nacional de Supercomputación