

[PATC Course: HPC-based simulations, Engineering and Environment](#)

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.

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.

NOTE: PLEASE BRING YOUR OWN LAPTOP.

[Academic Staff](#)

Image not found or type unknown



Course Convener: Mariano Vazquez

[Materials](#)

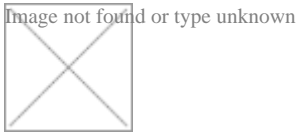
Image not found or type unknown



INTELLECTUAL PROPERTY RIGHTS NOTICE:

- The User may only download, make and retain a copy of the materials for his/her use for non-commercial and research purposes.
- The User may not commercially use the material, unless has been granted prior written consent by the Licensor to do so; and cannot remove, obscure or modify copyright notices, text acknowledging or other means of identification or disclaimers as they appear.
- 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

Source URL (retrieved on 14 Jul 2024 - 09:30): <https://www.bsc.es/es/education/training/patc-courses/patc-course-hpc-based-simulations-engineering-and-environment-2>