

## PATC Course: Performance Analysis and Tools

### Objectives

The objective of this course is to learn how *Paraver* and *Dimemas* tools can be used to analyze the performance of parallel applications and to familiarize with the tools usage as well as instrumenting applications with *Extræ*.

### Requirements

#### Prerequisites:

Good knowledge of C/C++

Basic knowledge of CUDA/OpenCL

Basic knowledge of Paraver/Extræ

#### Academic Staff

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**Course Convener:** Judit Gimenez

#### Materials

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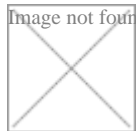
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### [Further information](#)

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**All PATC Courses at BSC do not charge fees.  
PLEASE BRING YOUR OWN LAPTOP.**

### **Recommended Accommodation:**

Please follow [the link](#) for map of some local hotels.

[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:**

BSC and PRACE 4IP project are funding the PATC @ BSC training events.  
If you want to learn more about PRACE Project, visit the [website](#).

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

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**Source URL (retrieved on 18 abr 2024 - 11:55):** <https://www.bsc.es/ca/education/training/patc-courses/patc-course-performance-analysis-and-tools-2>