[ONLINE] 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 ***Extrae***.

Requirements

Prerequisites:
Good knowledge of C/C++
Basic knowledge of MPI, OpenMP

NOTE:

MIRI students interested in obtaining the Statement of Participation will have to submit some exercises. Further information will be provided on the first course day.

Please download and carefully read the following **instructions** regarding the logistics participants enrolling online PATC at BSC are expected to follow.

Learning Outcomes

The students who finish this course will have a basic knowledge on the usage of the BSC performance tools. They will be able to apply the same methodology to their applications, identifying potential bottlenecks and g etting hints on how to improve the applications performance

Academic Staff

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Course Convener: Judit Gimenez, Performance Tools Gorup Manager, Computer Science, BSC

Materials

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Further information

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

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.

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- BSC
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