

## BSC Training Course: Introduction to Heterogeneous Memory Usage

### Objectives

The objective of this course is to learn how to use systems with more than one memory subsystem. We will see the different options on using systems equipped with Intel's Optane Persistent Memory technology, but also looking forward to upcoming systems with HBM and CXL memories.

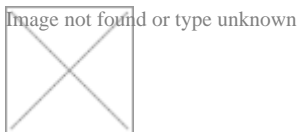
### Requirements

Basic skills in C programming.

### Learning Outcomes

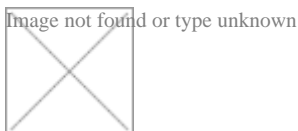
The students who finish this course will be able to leverage applications using multiple memory subsystems.

#### Academic Staff



**Convener:** Antonio Peña, Computer Sciences Senior Researcher, Accelerators and Communications for High Performance Computing, BSC

#### Further information



**BSC Training Courses do not charge fees.**

Your laptop does not need a particular GPU. An ssh client is required to connect to our GPU-equipped servers.

You can send us an e mail to [education@bsc.es](mailto:education@bsc.es) 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](#).

**Sponsor:** BSC

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

---

**Source URL (retrieved on 28 Mar 2025 - 22:06):** <https://www.bsc.es/ca/education/training/bsc-training/bsc-training-course-introduction-heterogeneous-memory-usage-0>