

# **PRACE Autumn School in HPC Programming Techniques - Athens, Greece**

**Tuesday, November 25, 2014 - Friday, November 28, 2014**

**Athens (Greece)**

## **Scientific Program**

## **Technical Presentations about PRACE, HPC Systems and Programming models**

**Parallel Programming with MPI (including Hands on sessions)**

**Parallel Programming with OpenMP (including Hands on sessions)**

**Hybrid (MPI + Open MP) programming (including Hands on sessions)**

**Hybrid (MPI + Open MP) programming (including Hands on sessions): Case Study: Application of Mixed Mode Programming (MPI+OpenMP) in a Real-World Scientific Code**

**Scientific Libraries Usage (including Hands on sessions)**

**Profiling (including Hands on sessions)**

**Optimization and benchmarking (including hands on)**