



# Table of contents

Thursday 13 November 2014 .....	1
---------------------------------	---

# School on Parallel Programming and Parallel Architecture for HPC and Developer School for HPC applications in Earth Sciences + Symposium on HPC and Data-Intensive Applications in Earth Sciences | (smr 2613)

## Thursday 13 November 2014

### ESP Symposium-Day 1: Large-Scale Computational Challenges: #2 - AGH (Giambiagi Lecture Hall) (13:30-16:30)

- Conveners: Valcke, S.

time	title	presenter
13:30	Optimizing a dynamic rupture and earthquake simulation code for SuperMUC, Tianhe-2 and Stampede	BADER, M.
14:00	Modelling the Mediterranean region under the Prace NEMERTE Project: towards enhanced resolution, accurate Strait of Gibraltar description and tidal forcing effects	SANNINO, G.
14:30	Global Sensitivity analysis of the Mediterranean sea biogeochemical model	LAZZARI, P.
15:00	Implementation of nonlinear material response in scalable earthquake ground motion simulations	ROTEN, D.
15:30	Weather and Climate modelling at the Petascale: achievements and perspectives. The roadmap to PRIMAVERA	LAWRENCE, B.
16:00	Coffee break	