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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)

Wednesday 12 November 2014

ESP School-Day 3: Parallel framework for the solution of wave propagation in Solid Earth: #1 - AGH (Giambiagi Lecture Hall) (09:00-18:00)

time	title	presenter
09:00	Introduction to numerical modelling in seismology	MOCZO, P.
09:45	Parallel methods for wave modelling codes	SERIANI, G.
10:30	Coffee break	
11:00	Numerical Simulation of Elastic Waves in 3D using FFT algorithm and MPI protocol	KLIN, P.
12:30	Lunch	
14:00	Lab-Session: implementing 2D wave simulation with MPI - Space domain partitioning	KLIN, P.
16:00	Coffee break	
16:30	Lab-Session: implementing 2D wave simulation with MPI - Partitioning rearrangement	KLIN, P.