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Workshop on Accelerated High-Performance Computing in Computational Sciences | (smr 2760)

Friday 29 May 2015

Day 5 - Mini-Symposium: Applied Hybrid Parallel Computing for Science - AGH (Kastler Lecture Hall) (09:00-18:30)

time	title	presenter
09:00	Powder diffraction on graphics processing units	GELISIO, L.
09:45	Using GPUs to accelerate molecular dynamics simulations of RNA/protein complexes	PEREZ VILLA, A.
10:30	Coffee break	
11:00	Electron Glasses: slow dynamics of a long-range interacting system	LANDES, F.
11:40	Hybrid MPI/ OpenMP Molecular Dynamics simulations	HAZIRAKIS, T. & TSOURTIS, A.
12:20	GPU acceleration of electronic structure calculations	KOZHEVNIKOV, A.
13:00	Lunch	
14:00	Hands-on: Advanced GPU Programming	A. KOHLMAYER, J. STONE, I. GIROTTO
16:00	Coffee break	
16:30	Hands-on: Advanced GPU Programming	A. KOHLMAYER, J. STONE, I. GIROTTO