

PRACE Scientific Conference 2012

Date: June 17, 2012
Location: Radisson Blu Hotel Hamburg
Room: Chicago / Dallas / Philadelphia (1st floor)



PROGRAMME

08:30 - 09:00	Registration at ISC registration desk (Foyer Congress Center Hamburg)
09:00 - 09:15	Welcome Richard Kenway , Chair of PRACE Scientific Steering Committee & Conference Chairman
09:15 - 09:45	PRACE: computing for scientific breakthroughs Maria Ramalho , Chairman of the Board of Directors, PRACE AISBL
09:45 - 10:15	The European HPC Strategy Kostas Glinos , Head of Unit "GÉANT & e-Infrastructure", European Commission
10:15 - 10:45	Coffee Break
10:45 - 11:30	A Fast and Scalable Low Dimensional Solver for Charged Particle Dynamics in Large Particle Accelerators Yves Ineichen , Paul Scherrer Institut, PRACE Award Winner
11:30 - 12:00	Excess proton at water/hydrophobic interfaces: A Car-Parrinello MD study Paolo Carloni , German Research School for Simulation Sciences GmbH
12:00 - 12:30	A dislocation dynamics study of dislocation cell formation and interaction between a low angle grain boundary and an in-coming dislocation Bing Liu , Max-Planck-Institut für Eisenforschung
12:30 - 13:30	Lunch Break
13:30 - 14:15	PRACE User Forum with Q&A, Chairman: Turlough Downes
14:15 - 14:45	Droplet growth by coalescence in turbulent clouds: kinetics, fluctuations, and universality Jeremie Bec , Observatoire de la Côte d'Azur
14:45 - 15:15	Predictive full-scale fast ignition with PW plasma amplified laser pulses Ricardo Fonseca , Instituto Superior Técnico, Lisbon
15:15 - 15:45	Coffee Break
15:45 - 16:15	Turbulent entrainment due to a plume impinging on a density interface Maarten van Reeuwijk , Imperial College London
16:15 - 16:45	Ab initio Simulations of Turbulence in Fusion Plasmas Frank Jenko , Max Planck Institute for Plasma Physics
16:45 - 17:00	Closing Remarks Richard Kenway , Chair of PRACE Scientific Steering Committee & Conference Chairman
17:30 - 18:30	Networking Event together with ISC'12 Asia Day (Foyer (1st floor))