Higgs Symposium 2015 Programme
January 7/8th, 2015
Appleton Tower

Time	Wednesday 7th	Thursday 8th
9:00	Coffee & Registration	Coffee
9:30	Spencer Sherwin, Imperial College McLaren Racing/Royal Academy of Engineering Research Chair *Scale resolving simulations for F1 Aerodynamics*	Rene Brun, CERN *Evolution of software systems in High Energy Physics: Technicalities and sociology*
10:15	Katrin Heitmann, Argonne *HACC: Simulating Sky Surveys on State-of-the-Art Supercomputing Architectures*	Wahid Bhimji, Edinburgh *Big Computing at the Big Collider*
11:00	Coffee	Coffee
11:30	Adrian Jenkins, Durham *Hydrodynamical simulations of galaxy formation*	Shoji Hashimoto, KEK *Precision test of the Standard Model of elementary particles through lattice simulations*
12:15	Paul Shellard, Cambridge University *The Planck Cosmic Microwave Sky: Looking Beyond the Power Spectrum.*	Martin Luescher, CERN *Stochastic perturbation theory without critical slowing down*
13:00	Lunch	Lunch
14:00	Stewart Clark, Durham *Recent developments in electronic structure: challenges and opportunities using high-performance computing*	Richard Brower, Boston U. *Adaptive multi-level algorithms and Lattice QCD: cross-over between numerical analysis and Particle Physics*
14:45	Wojciech Grochala, University of Warsaw *Through the looking-glass (of the hybrid density functional theory), and what Alice found there*	Duncan Roweth , Cray *Trends in high performance system design and their impact on applications*
15:30	Coffee	Coffee
16:00	Eng Lim Goh CTO Silicon Graphics	Pradeep Dubey Intel Parallel Computing Labs
16:45	Paul Alexander, Cambridge University *The Square Kilometre Array*	Norman Christ, Columbia University *Using high performance computing to relate asymmetries in particle decays and Physics at the highest energies.*
17:30	Banquet	Close (Timothy O'Shea, Principal)
	Pollock Halls 19:30	