

8th BEAR PGR Conference Timetable

Time	Event	Speaker
09:30	Opening Address	Prof Jean-Baptiste Cazier
09:35	Keynote	Karl Podesta / Microsoft
10:05	PGR Presentation	Joshua Allen Use of First-Principles Calculations to Determine Planar Fault Energies in Superalloys
10:25	PGR Presentation	Valter Jantara Junior Wind turbine gearbox damage simulation
10:45	Coffee Break	
11:00	PGR Presentation	Syeda Anam Hashmi Aerodynamics of a passenger train against different types of windbreak walls under crosswinds
11:20	PGR Presentation	Rana Moeini Failure Detection of Power Electronic Module Through Measurement of Thermal Sensitive Electrical Parameter
11:40	BEAR User Forum	
12:25	Q & A + Lunch	
13:25	Keynote	Rob Hoehndorf / King Abdullah University of Science and Technology
13:55	PGR Presentation	Shen Huo Numerical Analysis on the Flow Structure of a Tornado-like Vortex using Large Eddy Simulation
14:15	PGR Presentation	James Shaw Probing Structural Hierarchy in Colloidal Gels
14:35	Coffee Break	
14:50	Keynote	Andrew Edmondson Research Software Group Leader IT Services, University of Birmingham
15:20	PGR Presentation	Lazaros Melidis Supramolecular Recognition of Nucleic Acid Structures Found in Viruses
15:40	Coffee Break	
15:55	PGR Presentation	John Hey Isomers and Energy Landscapes of Micro-Hydrated Sulfite and Chlorate Clusters
16:15	PGR Presentation	Grigorios Papatzikas Using Birmingham Environment for Academic Research (BEAR) to understand the metabolic regulation in haematological cancers
16:35	Ending Ceremony	Prize presentation for posters and talks

