



PROGRAM

Program:

14.15 Scientific program

- 14.15 Dr. ir. Kurt Lust (Vlaams Supercomputer Centrum) - Presentation of the VSC
- 14.30 Prof. dr. Patrick Bultinck (Universiteit Gent) - *In silico* Chemistry: Quantum Chemistry and Supercomputers
- 14.45 Prof. dr. Wim Vanroose (Universiteit Antwerpen) - Large scale calculations of molecules in laser fields
- 15.00 Prof. dr. Stefaan Tavernier (Vrije Universiteit Brussel) - Grid applications in particle and astroparticle physics: The CMS and IceCube projects
- 15.15 Prof. dr. Dirk Van den Poel (Universiteit Gent) - Research using HPC capabilities in the field of economics / business and management science
- 15.30 Dr. Kris Heylen (K.U.Leuven) - Supercomputing and Linguistics
- 15.45 Dr. ir. Lies Geris (K.U.Leuven) - Modeling in biomechanics and biomedical engineering
- 16.00 Prof. dr. ir. Chris Lacor (Vrije Universiteit Brussel) and Prof. dr. Stefaan Poedts (K.U.Leuven) - Supercomputing in CFD and MHD

16.15 Coffee break

17.00 Academic session

- 17.00 Prof. dr. ir. Karen Maex, Chairman of the steering group of the Vlaams Supercomputer Centrum
- 17.10 Prof. dr. dr. Thomas Lippert, Director of the Institute for Advanced Simulation and head of the Jülich Supercomputer Centre, Forschungszentrum Jülich. European view on supercomputing and PRACE
- 17.50 Prof. dr. ir. Charles Hirsch, President of the HPC Workgroup of the Royal Flemish Academy of Belgium for Sciences and the Arts (KVAB)
- 18.00 Prof. dr. ir. Bart De Moor, President of the Board of Directors of the Hercules Foundation
- 18.10 Minister Patricia Ceysens, Flemish minister for economy, enterprise, science, innovation and foreign trade

18.30 Reception