FOCUS

- HPC talent Gap in the context of Education and Training
  - Place of education on PG level and professional training
  - Needed research skills for changing HPC ecosystem
  - Computational Science (CompSci) visibility at curricula and degree level

- Mathematics led innovation with critical demand of Computational Science Research Methods to bridge the above gap.

- Supported by state-of-the-art pedagogical methodology and interactive technology facilitation of teaching and learning
Talks – Session 1 (11:00 - 12:40)

- In Need of Partnerships – An Essay about the Collaboration between Computational Sciences and IT Services
  Anton Frank, Ferdinand Jamitzky, Helmut Satzger, Dieter Kranzlmüller
- Development of Multiplatform Adaptive Rendering Tools to Visualize Scientific Experiments
  Konstantin Ryabinin, Svetlana Chuprina
- Education 2.0: Student Generated Learning Materials through Collaborative Work
  Raul Ramirez-Velarde, Raul Perez-Cazares, Nia Alexandrov, Jose Jesus Garcia-Rueda
- Challenges of Big Data and the Skills Gap
  Yong Shi and Yingjie Tian

Talks – Session 2 (14:10 - 15:50)

- The HPC Talent Gap: an Australian Perspective
  Valerie Maxville, Daniel Grimwood
- Measuring Business Value of Learning Technology Implementation in Higher Education Setting
  Nia Alexandrov
- Discussion on existing issues and possible solutions