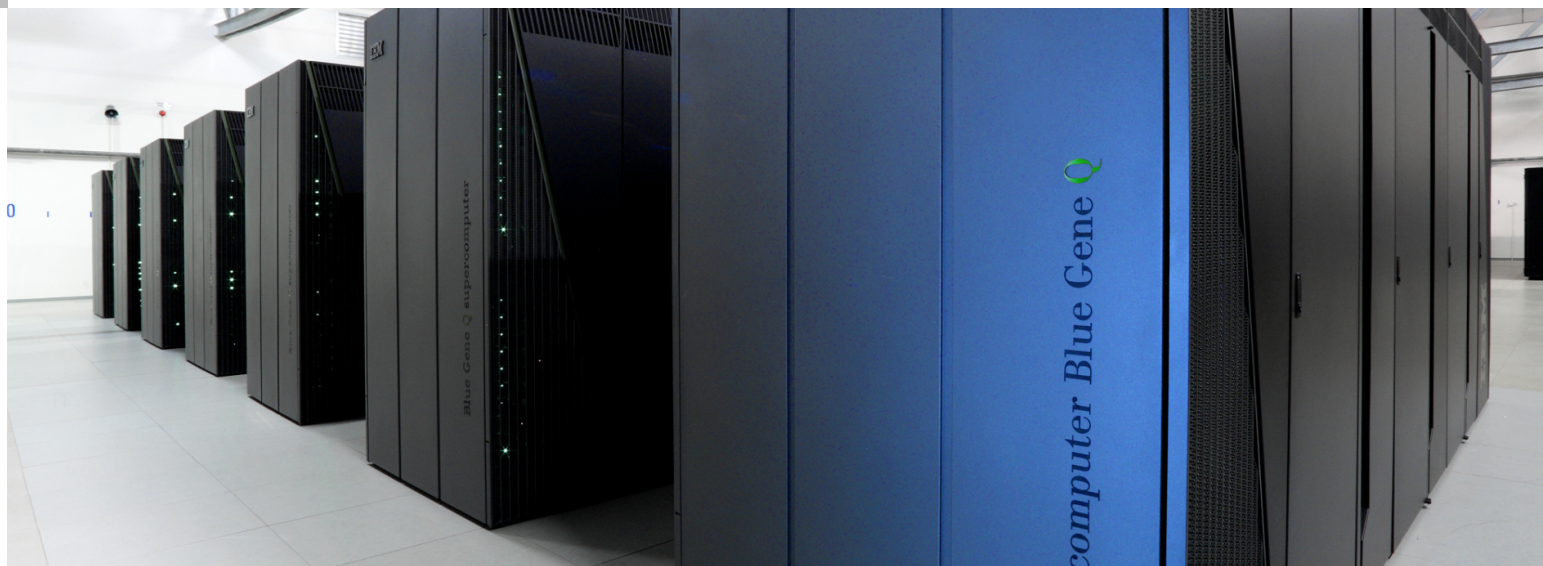


JSC Guest Student Colloquium

04.10. & 05.10.2017 – building 16.4, Rotunda



Wednesday, 04.10.2017

- 9.30 • **Opening Remarks & Session I**
Gayatri Čaklović
Machine learning for Iterative Solvers arising within FEAST
Janosch Preuß
Computing Dirichlet eigenvalues using the MFS
- 10.40 • **Coffee Break** ☕
- 11.00 • **Group Picture** 📷
- 11.20 • **Session II**
Duygu Kan
Finite Element Solution of the Acoustic Scattering Problem
Julius Lange
Deep Learning in Hyperspectral Remote Sensing
- 12.30 • **Lunch** 🍴
- 14.00 • **Session III**
Yishai Oltchik
Profiling tmLQCD2 on Juron and Julia
Carl-Martin Pfeiler
Locking Cache Coherence Out
Paras Kumar
Parallel-in-time Integration with XBraid
- 15.45 • **Coffee Break** ☕
- 15.45 • **Open Discussion** 💬

Thursday, 05.10.2017

- 10.00 • **Opening Remarks & Session IV**
Johann Ostmeyer
HMC simulations of Graphene
Gaspard Di Fede
Lattice quenched QED MC simulation: Finite volume effect
Loris Gallina
QCD Optimization for KNL Architecture
- 11.40 • **Coffee Break** ☕
- 12.00 • **Lunch** 🍴
- 14.00 • **Session V**
Saskia Körning
Domain Decomposition with Space-filling Geometries
Avleen Sahni
Classification of Simulated Neural Network States
- 15.10 • **Coffee Break** ☕
- 15.30 • **Keynote Talk** ★
Ingolf Wittmann
Technical Director and CTO & Leader of HPC for IBM Europe
Quantum Computing - myths and trues
- 16.45 • **Concluding Remarks**