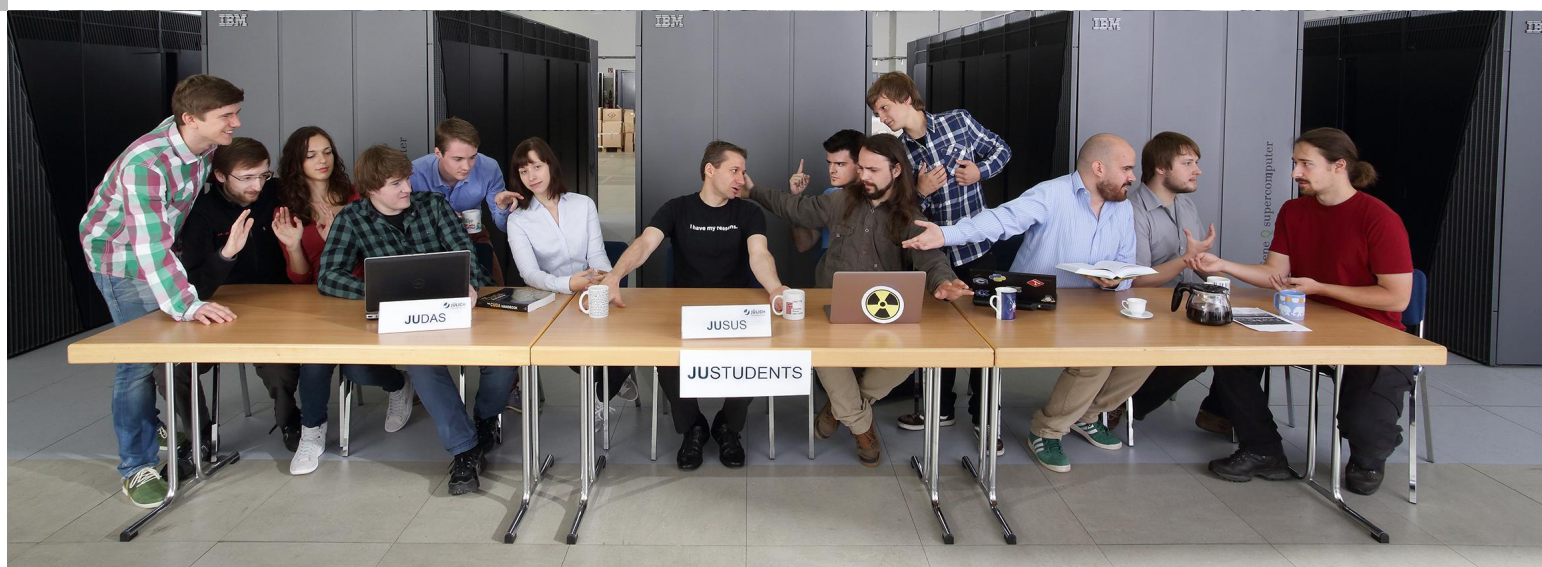


# JSC Guest Student Colloquium

29.9. & 30.9.2015 – building 16.4, Rotunda



## Tuesday, 29.9.2015

- 9.30** Opening Remarks & Session I  
**Sebastian Billaudelle, Heidelberg**  
*Nest I/O - Strategies for a peta-scale neural network simulator*  
**Toni Vidovic, Zagreb**  
*Adaptive numerical integration in functional Renormalization Group methods*
- 10.40** Coffee Break ☕
- 11.00** Group Picture
- 11.20** Session II  
**Fabian Köhler, Dortmund**  
*Performance analysis of PFASST++*  
**Christian Schwermann, Münster**  
*Local electron correlation techniques for multireference methods*
- 12.30** Lunch 🍴
- 14.00** Session III  
**Kaloyan Genkov, Sofia**  
*Adhesive friction in sliding rough, elastic bodies*  
**Lukas Engelke, Duisburg-Essen**  
*Coupling continuum elasticity with atomistic fluid dynamics*
- 15.10** Coffee Break ☕

## Wednesday, 30.9.2015

- 9.30** Opening Remarks & Session IV  
**Julian Keupp, Bochum**  
*Techniques for fast thermal equilibration in molecular dynamics simulations*  
**Malte Jongmanns, Duisburg-Essen**  
*Combining linked cell lists and verlet lists for molecular dynamics in OpenMP*
- 10.40** Coffee Break ☕
- 11.00** Session V  
**Sara Schiesaro, Ferrara**  
*BGAS as semi-persistent cache*  
**Martin Ueding, Bonn**  
*Latency-avoiding communication schemes for the FMM*
- 12.10** Lunch 🍴
- 13.50** Session VI  
**Andrijana Brkic, Zagreb**  
*Transition area of a hybrid model for pedestrian simulations*  
**Giorgio Silvi, Ferrara**  
*A Phinal word on tuning of LQCD*
- 15.00** Coffee Break ☕
- 15.20** Keynote Talk  
**Ingolf Wittmann**  
 IBM Technical Director S&D DACH  
*Beyond Moores Law*
- 16.40** Concluding Remarks