

## Jülich Supercomputing Centre (JSC)

### JSC-Jahresabschlusskolloquium

am Dienstag, dem 17.12.2019, 9.30 – 16.00 Uhr,  
JSC-Hörsaal

- 09.30-09.50 h**    **Thomas Lippert**  
Begrüßung
- 09.50-10.20 h**    **Thomas Breuer**  
BEAM-ME up to be UNSEEN: Tackling optimisation problems for energy systems modelling on HPC systems
- 10.20-10.50 h**    *Kaffeepause*
- 10.50-11.20 h**    **Lukas Pieronek**  
Computation of interior transmission eigenvalues
- 11.20-11.50 h**    **Erik Koch**  
From models to materials
- Mittagspause*
- 14.00-14.30 h**    **Jacopo De Amicis**  
xPic on JURECA modular supercomputer: experiments and considerations
- 14.30-15.00 h**    **Guido Trench**  
How to build a Neuromorphic Computer – The Jülich Advanced Computing Architectures Project
- 15.00-15.30 h**    **Dennis Willsch**  
Cute applications for quantum computers
- 15.30-16.00 h**    **Thomas Lippert**  
Everything you always wanted to know about PoF – but didn't care to ask