



Block Seminar

# BGCE Research Day

## Program for the Research Day on December 7, 2017, 14:15 - 19:00

**Location:** Seminar room 1 (ground floor) of the Leibniz Rechenzentrum, Boltzmannstr. 1, Garching.

### Arrival

13:30 Arrival of our guests from CE/Erlangen and come.tum/München

### Presentations

14:15 Michael Bader: *Address of welcome and announcements*

14:30 CSE/Garching:

- Lukas Schmidt:  
*COMET: An approach to combine software components and task-based programming models for HPC*

14:50 CSE/Garching:

- Nathan Brei:  
*Small Sparse Matrix Multiplication on Knights Landing*

15:15 come/München: *Work in Progress*

- Reza Barzanoi: *FEM Modeling of Flexible Wiring in Industrial Robotic Arms*
- Rishith Ellath Meethal: *Re-meshing Strategy for Moving Geometries Ensuring Numerical Stability*
- Hayden Liu Weng: *Challenges in the Simulation of an Injection Molding Process*

16:00 Coffee Break

16:30 CE/Erlangen: *Pro & Con: Flexibility vs. Rigidity in Master Studies*

17:00 CSE/Garching:

- Julian Landesberger:  
*Optimal Control of a Laser Sinter Process*

17:20 Jürgen Pfeffer (Computational Social Science and Big Data, TUM):  
*"What I do and why this might be interesting for you"*

### Get-together

18:15 Pizza

## Announcements

- o Next Research Day: 18.01.17 (Erlangen)
- o Reminder: block seminar “Scientific Writing”, March 2017 (doodle poll running!)
- o Opening Weekend: April 6-8, 2018

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How to get there:

