

Block Seminar

# BGCE Research Day

Program for the Research Day on January 18, 2018, 14:00 – 19:00

**Location:** Room 0.031, RRZE Building, Martensstr. 1, 91058 Erlangen

## Arrival

14:00 *Arrival of our guests from Garching & Munich (CSE & COME)*

## Presentations

- 14:15 INF3: Introduction  
Dietmar Fey: *Welcome Address and Announcements*
- 14:30 CE (Erlangen): PRACE Summer of HPC  
Paras Kumar: *Experience Report on the PRACE Summer of HPC 2017*
- 14:45 CSE (Garching): Work in Progress  
Kirill Martynov: *Model order reduction for (nonlinear) structural mechanics*  
  
Felix Lachenmaier: *Deep learning for recognizing icebergs on satellite images*  
  
Pei-Hsuan Huang: *Behavior of numerical flux with DG method*
- 15:30 COME (München): Pro & Con  
*Computer usage in the Educational System*
- 16:00 *Coffee Break*
- 16:30 CSE (Garching): Work in Progress  
Yehor Yudin: *Artificial Neural Network approach to Design Optimization*  
  
Ivana Javanovic: *Using Octrees for 3D Deep Learning*

17:00 CE (Erlangen): Presentation  
Paras Kumar: *Parallel-in-Time Integration with XBraid*

17:30 FAU: Zuse Z23  
Edwin Aures: *Presentation and live Demonstration of Zuse Z23*

## Get Together

18:15 *Pizza*

## Location

Room 0.031-113  
RRZE Building (ground floor)  
Martensstraße 1  
91058 Erlangen

