



Bavarian Graduate School of Computational Engineering

## BGCE Research Day

### Programme for the Research Day on December 14, 2023, 14:15 - 19:15

**Location:** Seminar room: 5530.EG.003, TUM Graduate School (IGSSE) building, Boltzmannstr. 17, Garching (cf. map on 2nd page).

#### Arrival

13:45 Arrival of our guests from CE/Erlangen and come.tum/München

#### Presentations

14:15 Hans Bungartz: *Address of welcome and announcements*

14:30 Piyush Karki, Aditya Phopale, Meike Tütken:  
*Energy++: An Intuitive System for Improving Building Efficiency*

15:00 COME: *Work in Progress*

- Lukas Brock: *tbd.*
- Hiba El Kari: *Machine Learning as a tool for the validation of crash simulation models*
- Juan Angelo Vargas Fajardo: *Discontinuous Finite Cell Method*

15:50 Coffee Break

16:30 Invited Speaker: Pedro Hack @ SCCS

17:30 CSE: *Pro & Con: Should nuclear energy be banned?* by Jeremiah Bintang & Julius Neszvecsko

#### Get-together

~18:00 Pizza

## Announcements

o Next Research Day: 18.01.24 (München)

Seminar room: 5530.EG.003, TUM Graduate School building, Boltzmannstr. 17, Garching (ground floor left)

How to get there:

