Bavarian Graduate School of Computational Engineering

BGCE Research Day

Programme for the Research Day on Dec 08, 2022, 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   Michael Bader: *Address of welcome and announcements*

14:30   Laura Reimoser:
Simulations in natural and social sciences - A philosophical approach

15:00   Lukas Stockner:
A universal physically-based material shading model for computer graphics

15:30   COME/CSE: *Work in Progress*
- Jakob Scheffels: *Transient Adjoint Sensitivity Analysis*
- Rezha Adrian Tanuharja: *Wave-Based Method in Kirchoff Plate - Acoustic Cavity Coupled Problem*
- Andrea de Girolamo: *Quantum Computing: Motivation & Challenges*

16:00   Coffee Break

16:30   Valentin Seitz:
Everything you ever wanted to know about information freedom laws in germany

17:00   CE: *Pro & Con: How businesses/companies are impacted by hiring for diversity* by Faria Noor & Amit Sharma

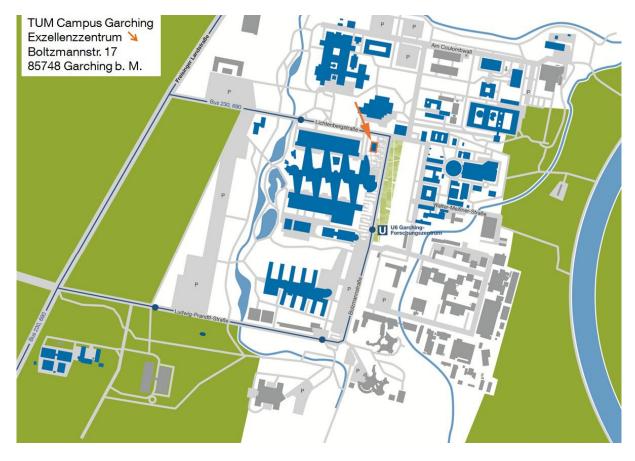### Get-together

~18:15   Pizza

Announcements

o   Next Research Day: 12.01.23 (München)

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

How to get there: