BGCE Research Day

Program for the Research Day on November 23, 2023, 14:15 – 18:30
Location: Room 2.049, RRZE-Building, Martensstraße 1, 91058 Erlangen

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

Presentations
14:15   Welcome Address and Announcements

14:15   Work in Progress (*CoMe*)
           Florian Berhami: **A Crash Course in Sampling**
           Maximilian Horlebein: **Simulating 3D Crack Propagation**

14:45   Coffee Break

15:00   Presentation (CSE)
           Philipp Jurašić & Julius Neszvecsko: **Estimating CO2 Emissions of Heat Pumps**

15:40   Presentation (CSE)
           Dev Hathi: **Simulating Multiphase Flows using the Lattice Boltzmann Method**

16:20   Coffee Break

16:40   Invited Talk
           Rodrigo Jose Velasco Guillen: **Human-centered Mechatronics: Enhancing Design and Control through User Involvement**

17:15   Pro & Con (*CoMe*)
           Finlay McRae, Roman Podieiablonskii, Cuong Chi Huynh
           VAR - An Exemplary Case of when the Use of AI is unnecessary

Get Together
17:45   Pizza

Location
Room 2.049 (Konferenzraum 1)
Regional Computing Center (RRZE)
Martensstraße 1
91058 Erlangen

How to find the room:
1. Find the tall blue building
2. Enter the smaller grey building attached to it (Erlangen Regional Computing Center - RRZE)
3. Walk to the second floor