

BGCE Research Day

Program for the Research Day on June 30, 2022, 14:00 – 18:30

Location: Room 2.049, RRZE-Building, Martensstraße 1, 91058 Erlangen

Arrival

13:45 Arrival of our guests from Garching & Munich (*CSE & COME*)

Presentations

14:00 Welcome address by Prof. Fey

14:15 *Invited Talk*

Prof. Katharina Breininger, *FAU Department Artificial Intelligence
in Biomedical Engineering*

**Datasets, Annotations and Ground Truths: Exploring the „Basics“
for Machine Learning**

15:00 *Work-in-Progress (COME)*

Christian Faßbender: **Design of bi-stable Mechanisms using
Topology Optimization**

Anastazja Broniatowska: **Free flow simulation of the rocket in the
transonic regime**

15:40 Coffee Break

16:00 *Presentations (CE)*

Daniel Bauer: **Lattice Boltzmann Simulation of the Flow through a
UV-Light Air Purifier**

17:00 *Pro & Con (COME)*

Valentina Schüller, Meike Tütken, Piyush Karki: **Should social
issues, ethics, and sustainability be part of every study program**

Get Together

17:45 Get together and 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

