

## Sino-German Summer School: Material-Oriented Micro/Nano Manufacturing 22 – 31 August 2018, Ruhr-Universität Bochum, Germany

### Wednesday, 22 August

19:30 Dinner at Mercure Hotel Bochum City, Massenbergstr. 19 – 21, Bochum

### ICAMS, Ruhr-Universität Bochum, room IC FW 02/718

#### Thursday, 23 August

12:00-14:00: Registration / Lunch at Cafeteria  
 14:00-14:30: Welcome and Introduction (A. Hartmaier, Ruhr-Universität Bochum, and Zongwei Xu, Tianjin University)  
 14:30-16:00: Mechanics of Materials (N. Huber, Helmholtz Zentrum Geesthacht)  
 16:00-16:30: Break  
 16:30-17:00: Introduction to teamwork/focus groups (A. Hartmaier, Z. Xu)  
 17:30: Dinner at Restaurant Summa cum Laude, Uni-Center, Bochum

#### Friday, 24 August

8:30-10:00: Basics of Raman Spectroscopy (Zongwei Xu, Tianjin University)  
 10:00-10:30: Break  
 10:30-12:00: Continuum modeling of mechanical behavior (A. Hartmaier)  
 12:00-13:00: Lunch at Cafeteria  
 13:00-13:30: Bus transfer to TU Dortmund University (Meeting point: RUB central bus stop)  
 13:30-15:00: Micro machining/finishing (P. Wiederkehr, TU Dortmund)  
 15:00-15:30: Break  
 15:30-17:00: Guided lab tour (Macro/Micro machining & process simulation) including tool demonstration (P. Wiederkehr, TU Dortmund)  
 17:00-17:30: Transfer to Bochum  
 18:00-20:00: Dinner: See Nami, Hevener Str. 309, Bochum

#### Saturday, 25 August

08:30-10:00: Atomistic modeling (H. Urbassek, TU Kaiserslautern)  
 10:00-10:30: Break  
 10:30-12:00: Soft-brittle semiconductors polishing (Zhenyu Zhang, Dalian University of Technology, China)  
 12:00-13:30: Lunch at Restaurant Trattoria Falcone, Uni-Center, Bochum  
 13:30-15:30: Hands-on session: Atomistic modeling  
 15:30-16:00: Break  
 16:00-17:30: Focus Groups – teamwork  
 Dinner: self-organized

#### Sunday, 26 August

08:30-10:00: Precision glass molding for optical devices (Tianfeng Zhou, Beijing Institute of Technology)  
 10:00-10:30: Break  
 10:30-12:00: Characterization methods (A. Rosenkranz, Universidad de Chile)  
 12:00-13:30: Lunch at ICAMS  
 13:30-15:30: Hands-on session: Continuum modeling  
 15:30-16:00: Break  
 16:00-17:30: Focus Groups – teamwork  
 18:30: Dinner at Mercure Hotel, Massenbergstr. 19 – 21, Bochum

### Mercure Hotel, Bochum City

#### Monday, 27 August – Wednesday, 29 August

Participation in 2<sup>nd</sup> Sino-German Symposium “Material-oriented Micro/Nano Manufacturing: Modeling, Experiment and Application” Including Poster Sessions and working in Focus Groups

#### Thursday, 30 August

08:30-11:00: Presentations of Focus Groups  
 11:00-12:00: Lab-Tour RUB  
 12:00-13:00: Lunch at Cafeteria of RUB  
 14:30: Visit of Bochum Mining Museum (together with Symposium delegates)  
 17:30: Dinner at Paulaner Botschaft, Brückstraße 31, Bochum

### ICAMS, Ruhr-Universität Bochum, room IC FW 02/718

#### Friday, 31 August

08:30-10:00: Final discussion and closing remarks (A. Hartmaier, Z. Xu)  
**End of Summer School**

## How to get to ICAMS from Bochum Central Station (“Bochum Hauptbahnhof”)

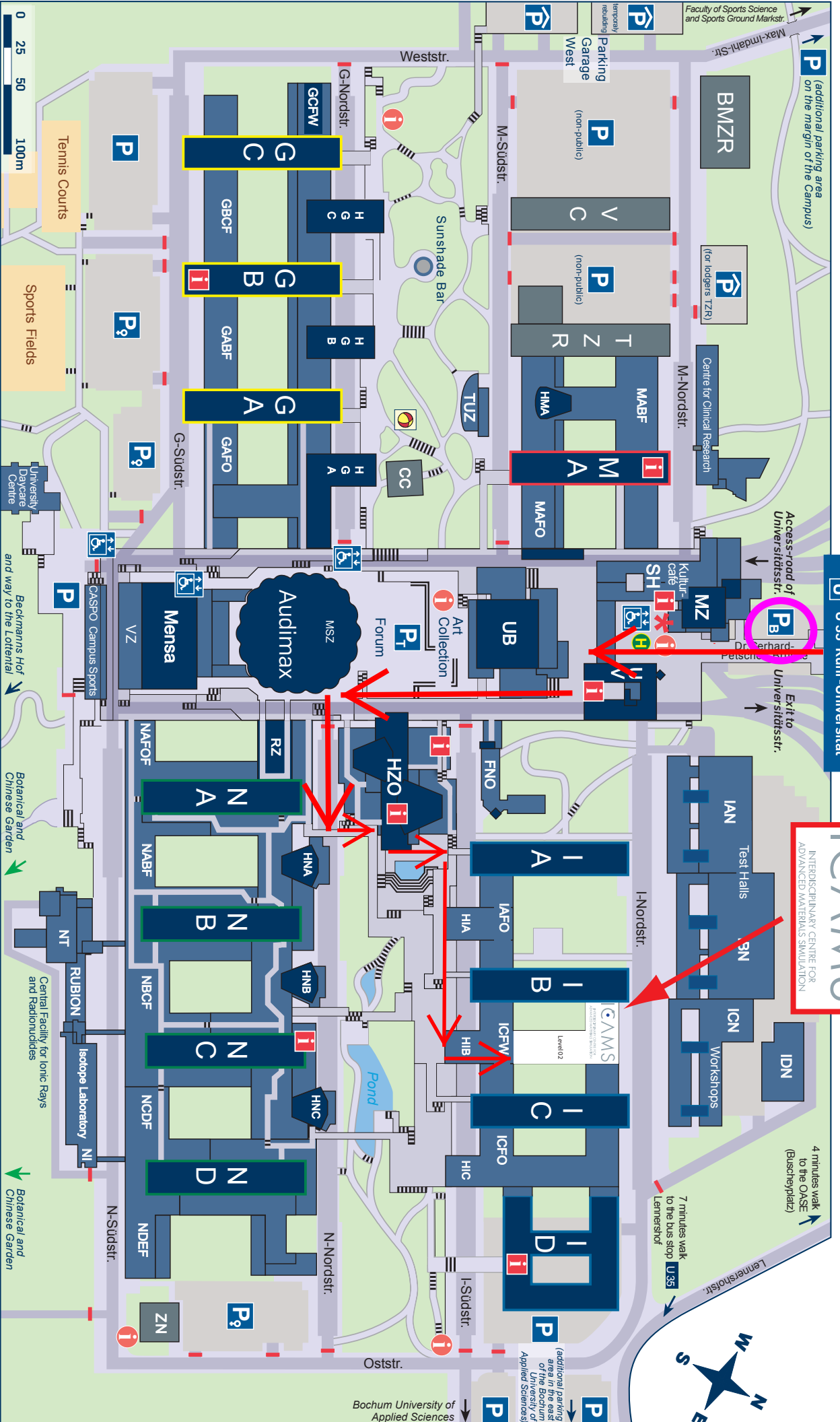
For getting to ICAMS by public transport from “Bochum Hauptbahnhof”, take subway line **U35 Campus Linie** into the direction “**Hustadt**” and get off at ‘**Ruhr-Universität**’ after 9 minutes. On weekdays during semester holidays, the trains leave every 10 minutes. At the stop, head right after climbing the stairs, pass the university library (“UB”) on its left side and after “HZO”, turn left. Head towards building ICFW (there are some stairs in between) and enter the building on its right side, take the right corridor at the end of which you find yourself in front of the entrance of ICAMS.

Upon your arrival in Mercure Hotel, you will receive 2 public transport tickets for 4 fares each, i.e. 8 fares as a whole. Please note that you have to stamp your ticket before your trip or at latest when entering the train. Ticket stampers are at the entrance of the stops and, normally, in the trains.



# CAMPUS MAP

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SB 67, 346, 356 und  
372, 375/NE/AST17  
U 35 Ruhr-Universität  
UNICO-CENTER

**IGAMMS**  
INTERDISCIPLINARY CENTRE FOR  
ADVANCED MATERIALS SIMULATION

RUHR  
UNIVERSITÄT  
BOCHUM  
**RUB**

- Walkway
  - Stairs
  - Street
  - Street beneath the Campus
  - Wall
  - Green Area
  - Information
  - Information Board
  - Playground (Uni-Zwerve e.V.)
  - Handicap-accessible Elevator (outdoors)
  - Gate (Access restricted)
  - Parking Garage
  - Parking Area
  - Women's Parking Area
  - Visitor Parking
  - Central Parking Garage (Underground parking beneath the Campus)
  - Subway Station
  - Bus Stop
  - BMZR Centre for Biomedicine Ruhr
  - CASPO Campus Sports Ground
  - CC Campus-Centre
  - FNO Forum Northeast
  - HZO Lecture Hall East
  - MSZ Multimedia Support Centre
  - MZ Artistic Centre
  - RZ Datacentre
  - SH Students' Department
  - TZR Tutors' Centre
  - TUZ Technology Centre Ruhr
  - UB Central Library
  - UA University Administration
  - VC Via Campus
  - VZ Event Centre
  - ZN Centre for Neuroinformatics
- Comments:**  
 GA, IA, MA, NA = Central Building of Subject Groups  
 Theme Colors: yellow shape = Humane Sciences; red = Medicine; blue = Engineering; green = Natural Sciences  
 GAFO = Flat Area of the GA Building (example)  
 HIA = Lecture Hall of the IA Building (example)  
 Remark: Floor 1 = 1st Floor; Floor 01 = 1st Floor downstairs  
 \* downstairs use elevator or stairs to get to the printing centre and also 320, 370, 377