

18-22 October 2020
Munich/Prague

Czech-Bavarian

MINI-SCHOOL 2020

on large scale facilities and open data



Bringing the world of large scale facilities closer to advanced Master/early PhD students.



Venue

Munich, Germany
Prague, Czech Republic
Facilities: ELI Beamlines,
Heinz Maier-Leibnitz Zentrum,
Materials Growth &
Measurement Laboratory



Participants

10 bavarian and
10 czech advanced
Master/early PhD students



Topics

Neutron diffraction and
spectroscopy. Crystal
growth, magneto-optical
ellipsometry, Raman scatter-
ing. Open data.



Demands

The school is **free of charge** (travel expenses included). Each participant needs to present their own research in a 5 minute presentation. There will be a best student presentation prize.

Facilities involved



The world's most intense laser system

With ultra-high peak powers and focused intensities ELI offers unique sources of radiation and particle beams to its users. These beamlines enable groundbreaking research not only in the fields of physics and material science, but also in biomedical research and laboratory astrophysics.



Neutrons for Research, Industry and Medicine

The MLZ opens up the scientific use of the research neutron source FRM II. Scientists from all around the world can apply for measurement time at 26 state-of-the-art neutron scattering instruments. More than 1000 scientists annually use the FRM II's neutrons for their experiments and investigations.



Materials Growth & Measurement Laboratory

The MGML offers for external users open access to an instrument suite dedicated to measuring the physical properties of materials in a wide range of temperatures, magnetic and electrical fields, and hydrostatic and uniaxial pressures.

Acknowledgements



FACULTY
OF MATHEMATICS
AND PHYSICS
Charles University

Charles University hosts the Czech part of the mini-school and sponsors the mini-school dinner.

Bayerisch-Tschechische
Hochschulagentur
Česko-bavorská
vysokoškolská agentura



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The Technical University of Munich is the recipient of the subsidy and the organizer of the mini-school.

Mini-school 2020

The scope of this mini-school is to bring the world of large scale facilities closer to advanced Master/early PhD students, to broaden their scientific horizons and to win them as future users.

Organizers

Dr. Johanna K. Jochum
(MLZ, Technical University of Munich)
Dr. Petr Čermák
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Questions?

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