

To all
Participants in the MNaF Workshop
Scale-bridging 3D-Characterization

Leitung
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Siegen, 1 July 2021

MNaF Workshop on 3D-Characterization / Tomography 20 July 2021

Zoom <https://uni-siegen.zoom.us/j/96872378501?pwd=REJUalhtODBUZHpSTXA3Y0tjK1lrdz09>

Internal & external lecturers in alphabetic order

- Dr.-Ing. **Benjamin Apeleo Zubiri** IMN / FAU Erlangen-Nürnberg
- Prof. Dr. **Benjamin Butz** LMN / Universität Siegen
- **Marco Cantoni**, PhD EPFL Lausanne
- Prof. Dr. **Peter Felfer** WW I / FAU Erlangen-Nürnberg
- **Xiaohui Huang**, M.Sc. KIT Karlsruhe
- Prof. Dr.-Ing. **Manuela S. Killian** CSNM / Universität Siegen
- Dr.-Ing. **Julian Müller** LMN / Universität Siegen
- Dr.-Ing. **Pascal Pinter** Volume Graphics GmbH Heidelberg

Contact Dr. Sakalli (Sakalli@NT.Uni-Siegen.de), Prof. Butz (Benjamin.Butz@uni-siegen.de)

Recording Please consider that all lectures will be recorded for prospective internal use!

Evaluation Please take the short online survey about the content and quality after the workshop.

Program*

8:30 – 9:00	Introduction to scale-bridging 3D-characterization	Butz
9:00 – 10:00	X-ray microscopy, computed tomography: μ CT, nanoCT	Apeleo Zubiri
10:15 – 11:15	(Scanning)TEM tomography	Müller
11:15 – 12:15	3D-reconstruction of projection tomograms	Huang
Lunch break		
13:00 – 14:15	FIB tomography	Cantoni
14:15 – 14:45	3D-SIMS	Killian
15:00 – 16:00	Atom probe tomography	Felfer
16:00 – 17:00	Quantitative evaluation of 3D datasets	Pinter

*Each lecture will include a Q&A session