



SEMINAR

AKTUELLE PROBLEME DER WERKSTOFFWISSENSCHAFTEN



Donnerstag, 14.00-15.30 Uhr

<https://bit.ly/3bzlrSY>

Meeting ID: 635 1088 5175 Passcode: 679924



- 15.04.2021: **Langner/Kosmala (WWI): Sicherheitsbelehrung (D)**
- 22.04.2021: **Chandra Macauley (WWI): Safety Instruction (Eng)**
- 29.04.2021: **Dimitri Chauraud (WWI):** Influence of stress of the Au (111) surface reconstruction
- 06.05.2021: **Martin Weiser (WWI):** Correlated analysis of grain boundary oxidation in Ni-base alloys using high-resolution microscopy and isotopic tracers
- 13.05.2021: **Christi Himmelfahrt**
- 20.05.2021: **Dr. Katie L. Moore, The University of Manchester:** NanoSIMS: High resolution Secondary Ion Mass Spectrometry imaging of metallurgical samples
- 27.05.2021: **David Collins (University of Birmingham):** Towards precipitate mechanism informed design of processing methods in nickel-based superalloys
- 03.06.2021: **Fronleichnam**
- 10.06.2021: **Master & Bachelorabschlussvorträge**
- 17.06.2021: **Paul Baral (UC Louvain):** Beyond hardness and elastic modulus: Alternative uses of nanoindentation
- 24.06.2021: **Marius Kohlhepp (WWI):** Development of an universal high pressure die cast alloy with enhanced ductility for automotive high strength lightweight parts (D)
Maximilian Marschall (MA, WWI): Verschleißmechanismen in hypereutektischen AlSi-Legierungen und SiC-verstärkten Aluminiumlegierungen für automobiler Bremscheibenanwendungen
- 01.07.2021: **Philipp Frint (TU Chemnitz):** Strain partitioning by recurrent shear localization during equal-channel angular pressing
- 08.07.2021: **Stefan Pogatscher (Uni Leoben):** Sustainable aluminium alloys for automotive applications
- 15.07.2021: **Andreas Kirchmayer (WWI):** Polycrystalline Co- and Ni-base superalloys - Microstructural analysis and influence of their high temperature phases on the mechanical properties (Eng)