



Programme – 80th Meeting of GDMB Copper Committee
September, 30 as a video conference

Thursday, September 30th

- 08.00 am Login video conference
- 08.30 am *Lena Meyer*, B.A., GDMB e.V., Clausthal-Zellerfeld, Germany
Magnus Ek, M. Sc., Boliden Mineral AB, Sweden, Chairman of the committee:
Welcome and opening
- 08.40 am *Dr. Hans-Jörg Krassnig*, Mettop GmbH, Leoben, Austria
IonicLife Cast Copper Technology
- 09.10 am M.Sc. *Amelia Schmidt*, Helmholtz-Institut Freiberg für Ressourcentechnologie,
Freiberg, Germany
**CFD Simulation of Surface Fouling in an Industrial-Scale Copper Waste
Heat Boiler**
- 09.40 am M.Sc. *Ludwig Blenau*, TU Bergakademie Freiberg, Freiberg, Germany
Fayalitic Slag Valorisation: Glass Fiber and Pig Iron Production
- 10.10 am **Coffee Break**
- 10.40 am Dipl.-Ing. *Lars Felkl*, TU Bergakademie Freiberg, Institut für
Nichteisenmetallurgie und Reinstoffe, Freiberg, Germany
Characterization of black copper as a phase
- 11.10 am Dipl. Wirt.-Ing. *Christian Zimmermann*, SMS group GmbH, Düsseldorf,
Germany
Digitalization solutions for e- and copper scrap recycling
- 11.40 am *Eric Klaffenbach; Stefan Winkler; Torben Edens*, Aurubis AG, Hamburg,
Germany
Usage of Hydrogen in pyrometallurgical Copper refining process
- 12.10 pm **Lunchbreak**
- 01.10 pm Dipl.-Ing. Dr. mont. *Christine Wenzl*, RHI Magnesita, Vienna, Austria
RHIM's new technologies „beyond refractories“

- 01.40 pm M.Sc. *Karsten Meiner*, TU Bergakademie Freiberg, Freiberg, Germany
Removal of arsenic from arsenic-bearing copper concentrates by alkaline sulfide leaching
- 02.10 pm Dr. *Hans-Achim Kuhn*, Wieland-Werke AG, Vöhringen, Germany
Cu-based near high entropy alloys
- 02.30 pm **Coffee Break**
- 02.50 pm M.Sc., P.Eng. *Anastasiya Mitsui*, Hatch Ltd., Mississauga, Canada
Improving operational performance through diagnostic assessments
- 03.20 pm Dr. *Hannu Johto*, Metso Outotec Finland Oy, Espoo, Finland
Comparison of environmental performance of modern copper smelting technologies
- 03.50 pm **End of the presentations**
- 04.00 pm **Internal members meeting** of the copper committee

End of the GDMB Copper Committee Meeting

Preliminary program, changes in time and content are reserved! As of September, 28, 2021.