



TECHNISCHE UNIVERSITÄT
BERGAKADEMIE FREIBERG

Die Ressourcenuniversität. Seit 1765.



Center for Innovation Competence:
Virtual High Temperature Conversion

Online Advisory Board Meeting and Status Seminar 2021

Wednesday, April 21st: Status Seminar (open to the public)

08:30 – 09:00	CIC Virtuhcon – Overview and Strategy (Dr. A. Richter)
09:00 – 09:30	Progress report by research group Material and Process Analysis (Dr. M. Reinmöller)
09:30 – 09:50	Analysis of ash and slag properties of process samples (C. Scharm)
09:50 – 10:10	Pyrolysis of two fuels and their blend in a drop-tube reactor at elevated pressures up to 100 bar (Dr. M. Reinmöller)
10:10 – 10:20	Break
10:20 – 10:50	Progress report by research group Multiphase Models (Dr. M. Massoudi Farid)
10:50 – 11:10	CFD simulation of a pilot-scale TSL furnace: development and testing of sub-models (D. Obiso)
11:10 – 11:30	Fixed bed heat transfer modelling: model development for non-spherical particles (R. Srinivas)
11:30 – 12:00	Round up discussion

Thursday, April 22nd: Advisory Board Meeting


13:00 – 13:15	Welcome (Prof. B. Meyer / Prof. M. Gräbner)
13:15 – 14:30	Closed session of the Advisory Board Members

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CIC Virtuhcon

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