

ADDITIVE MANUFACTURING OF BIO-BASED RESIDUE MATERIALS

Datum Date	Sprache Language	Kontakt Colloquium Office
6. Juni June 6 th	Englisch English	Katja Langer additive_fertigung@imkf.tu-freiberg.de TU Bergakademie Freiberg
Konferenzort Venue	Leitung Chairperson	Institute for Machine Elements, Engineering Design and Manufacturing (IMKF) Agricolastraße 1; 09599 Freiberg Tel.: (+49) 3731 39-3853
Zentrum für effiziente Hochtemperatur-Stoffwandlung (ZeHS), EG.133, Winklerstr. 5	Prof. Dr.-Ing. Henning Zeidler	

8.30 – 9.00	Arrival
9.00 – 9.15	Welcome
9.15 – 9.45	Bio-based residue materials in Kenya – potentials and pre-processing Dr. Eric Ronoh, Jomo Kenyatta University of Agriculture and Technology
9.45 – 10.15	Fused Filament Fabrication incorporating bio-based residues Maureen Andanje, Jomo Kenyatta University of Agriculture and Technology
10.15 – 10.45	Break
10.45 – 11.15	Furniture production using Liquid Deposition Modelling Dr.-Ing. Michael Rosenthal, TU Dresden
11.15 – 11.45	Binder Jetting of acoustic absorbers using bio-based residue materials Moritz Lamottke, TUBAF
11.45 – 12.15	Potential of animal by-products in Additive Manufacturing Prof. Dr. Michael Meyer, FILK Freiberg Institute gGmbH
12.15 – 13.45	Lunch break
13.45 – 15.15	Workshop „Applications for sustainable AM in Africa“
15.15 – 15.45	Break
15.45 – 16.15	Presentation of results
16.15 – 16.45	Discussion
16.45 – 17.15	Closing session