

Session Program

26-28 Sept 2022

Metal Additive Manufacturing Conference - MAMC 2022

Powder for MAMC

TU Graz
Inffeldgasse 25d 8010 Graz

Tuesday 27 September

13:00

Powder for MAMC

Session | **Location:** Room i7 | **Convener:** Eduard Hryha

13:00–13:20

Production routes for specialized powders

Speaker

Karin Ratschbacher

13:20–13:40

Mechanical behavior of additive manufactured Nb-Ti and Ti-Nb-Zr alloys using plasma atomized and HDH powders

Speaker

Dr Mário Boccalini

13:40–14:00

Mechanical Properties of a Zirconium and Tungsten Carbide modified Al-Mg-Sc-Zr alloy (AA5024) processed by Laser Powder Bed Fusion (L-PBF)

Speaker

Mrs Lisa Minkowitz

14:00–14:20

Aluminum powders beyond standard applications

Speaker

Christian Repitsch

14:20

Wednesday 28 September

09:30

Powder for MAMC

Session | **Location:** Room i7 | **Convener:** Jurgen Stampfl

09:30–09:50

Steels for Additive Manufacturing - looking at the Oil and Gas industry

Speaker

Dr Priyanshu Bajaj

09:50–10:10

Development of Cobalt Free Maraging Steels for Additive Manufacturing

Speaker

Dr Eleonora Bettini

10:10–10:30

Comparison of Novel Powder Spreadability Test and Established Flowability Metrics

Speaker

Dr Christopher Hulme

10:30

11:00

Powder for MAMC

Session | **Location:** Room i7 | **Convener:** Herbert Danninger

11:00–11:20

Copper Alloys for Additive Manufacturing Processes

Speaker

Martin Dopler

11:20–11:40

Ultrasonic atomization of Fe-based soft magnetic alloys

Speaker

Mr Bartosz Morończyk

11:40–12:00

Application of the 3D-EHLA process for agile alloy development

Speaker

Mr Nico Schmitt

12:00