

Session Program

30 September 2020 to 2 October 2020

**Metal Additive Manufacturing Conference -
MAMC 2020**

***Tools, Space and Aircraft, Automotive,
Medical and others***

Wednesday 30 September

12:30

Tools, Space and Aircraft, Automotive, Medical and others

Session | **Location:** Julius Raab Saal

12:30-12:50

METAL ADDITIVE MANUFACTURING OF PRODUCTION TOOLS THROUGH LASER-BASED POWDER BED FUSION - CURRENT POSSIBILITIES AND CONSTRAINTS

Speaker

Prof. Nader Asnafi

12:50-13:10

DEFECT AND MICROSTRUCTURE CHARACTERIZATION OF LASER POWDER BED FUSED COLD-WORK TOOL STEEL

Speaker

Mr Jan Platl

13:10-13:30

3D PRINTING CHALLENGES FOR SERIES VALIDATION

Speakers

Mrs Olga Sulcova, Mrs Tanja Pfeifer

13:30-13:50

SURFACE INTEGRITY OF CARBURIZING STEEL GEARS INDUCED BY SELECTIVE LASER MELTING CHAINS

Speaker

Mr Lucas Robatto

13:50

14:20

Tools, Space and Aircraft, Automotive, Medical and others: Tools, Space and Aircraft, Automotive, Medical and others

Session | **Location:** Julius Raab Saal

14:20-14:40

DEVELOPMENT OF 3D PRINTED TOOLS FOR HIGH TEMPERATURE FORMING OF ALUMINUM

Speaker

Dr Ileana Panaitescu

14:40-15:00

EFFECT OF PROCESS PARAMETERS ON DENSITY, POROSITY AND MICROSTRUCTURE OF SELECTIVELY LASER-MELTED Ti6Al7Nb ALLOY

Speaker

Jelena Petruša

15:00