

Session Program

26-28 Sept 2022

**Metal Additive Manufacturing Conference -
MAMC 2022**

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

TU Graz
Inffeldgasse 25d 8010 Graz

Monday 26 September

15:30

Tools, Space and Aircraft, Automotive, Medical and others

Session | **Location:** Room i7 | **Convener:** Norbert Enzinger

15:30–15:50

Enhanced cooling by conformal cooling of additively manufactured wire drawing tools made of cemented carbides

Speaker

Sara Garmendia Alustiza

15:50–16:10

Best Practices to Implement a Part Family Certification Approach for Aviation

Speakers

Alberto Bordin, Dr Martin White

16:10–16:30

Investigations into the robustness of additively manufactured, embedded electrical conductors

Speaker

Rudolf Gradingner

16:30–16:50

Powertrain Development with Additive Manufactured Components - from Prototyping to Dedicated Production Design

Speaker

Wolfgang Schöffmann

16:50

Tuesday 27 September

10:00

Tools, Space and Aircraft, Automotive, Medical and others

Session | **Location:** Room i7 | **Convener:** Franz Haas

10:00–10:20

Challenges of Using Additive Metal Manufacturing in fine Blanking Tooling

Speakers

Aurelie Achille, Claude Colasse

10:20–10:40

Hybrid cast and wire arc additive manufacturing of an aluminium component for the automotive industry

Speaker

Gregor Reinalter

10:40–11:00

A cost-effective hybrid approach for the manufacturing of a high-performance injection mould inserts using the laser-powder-bed-fusion process

Speaker

Mr Yuk Lun Simon Chan

11:00–11:20

Variant flexible Hairpin Stator (E-Motor) Production through Parametric Modeling and Additive Tooling

Speaker

Carsten Putz

11:20