

Session Program

26-28 Sept 2022

**Metal Additive Manufacturing Conference -
MAMC 2022**

Additive Design & Engineering

TU Graz
Inffeldgasse 25d 8010 Graz

Monday 26 September

12:00

Additive Design & Engineering

Session | **Location:** Room i7 | **Convener:** Christof Sommitsch

12:00–12:20

3DWelding - Additive Fabrication of Structural Steel Elements

Speaker

Mr Christoph Holzinger

12:20–12:40

Concepts for bridging voids in Metal Additive Manufacturing for repair of gas turbine blades using Laser Powder Bed Fusion

Speaker

Mr Benjamin Merz

12:40–13:00

Optimization of a Casted Part in 3D Sand Printing in Comparison to other AM Technologies

Speaker

Jörg Steiner

13:00–13:20

Mechanical behavior and anisotropy of material properties of additively manufactured lattice structures

Speaker

Henrik Kruse

13:20–13:40

AM of the Fe-Cr-Co alloy system: Using the in- situ alloying process to manufacture magnetic parts with a defined chemical gradient

Speaker

Siegfried Arneitz

13:40