

Session Program

10-12 Nov 2026

Metal Additive Manufacturing Conference - MAMC 2026

Process- and Quality Control

Arcotel Wimberger
Arcotel Wimberger, Vienna/ Austria

Wednesday 11 November

13:30

Process- and Quality Control

Session | Location: Room 1

13:30–13:50

Quo Vadis Additive Manufacturing? From Process Understanding to Predictive Quality Control

Speaker

Tanja Pfeifer

13:50–14:10

Optimization of Processing Parameters for Laser Powder Bed Fusion Manufactured Rare-earth Free MnBi Magnets

Speaker

Andrea Bachmaier

14:10–14:30

Validation of Imprintec Indentation Plastometry for Rapid Mechanical Property Screening of LPBF Ti-6Al-4V

Speaker

Ashish Gahlot

14:30–14:50

Non-Destructive Quality Control in Additive Manufacturing Using Laser Ultrasonics

Speaker

Mike Hettich

14:50

15:20

Process- and Quality Control

Session | Location: Room 1

15:20–15:40

Effect of Preheating Temperature on Retained Austenite in LPBF Processed

Speaker

Negar Panahi

15:40–16:00

Multi-Sensor Analysis of Thermal History and Process Stability in Arc-based Directed Energy Deposition with Varying Torch Angles and Positioning

Speaker

Thomas Reindl

16:00–16:20

Pressure Impulse Testing of Additively Manufactured Hydraulic Components: Influence of Hot Isostatic Pressing on Fatigue Life

Speaker

Zita Tappeiner

16:20–16:40

Geometric Process Parameter Relationships for Weaving in Wire Arc Directed Energy Deposition

Speaker

Thomas Kopf

16:40–17:00

Zero-Defect Manufacturing through Layer-Wise AI Monitoring in Metal Additive Manufacturing: From Test Cubes to Drones

Speaker

David Wimler

17:00