

Session Program

10-12 Nov 2026

Metal Additive Manufacturing Conference - MAMC 2026

Digitalisation & Artificial Intelligence

Arcotel Wimberger
Arcotel Wimberger, Vienna/ Austria

Thursday 12 November

11:00

Digitalisation & Artificial Intelligence

Session | **Location:** Room 1

11:00-11:20

Data Driven Machine Learning Approach for 3D Flow Prediction in Hydrogen Burners

Speaker

Luca Juris

11:20-11:40

Spatiotemporal Sensor Fusion for AI-Based Quality Assurance in Arc-Based Manufacturing

Speakers

Georgij Safronov, Mr Heiko Theisinger

11:40-12:00

Influence of Scan Vector Metadata Channel Encodings on Optical Tomography Image Prediction in PBF-LB/M

Speaker

Sven Erb

12:00-12:20

Process Fundamentals for Potential AI Driven Geometry Adaptive Process Control in Laser Powder Bed Fusion

Speaker

Luke Schüller

12:20