

Session Program

3-5 Nov 2021

Metal Additive Manufacturing Conference - MAMC 2021

MODELLING & SIMULATION

Wirtschaftskammer Österreich, Julius Raab Saal
Wiedner Hauptstraße 63 1045 Wien, Österreich

Friday 5 November

10:30

MODELLING & SIMULATION

Session | Location: SAAL 1

10:30–10:50

Prediction of residual stress development and subsequent springback deformation for the laser powder bed fusion process using multiple modelling strategies and a comprehensive validation framework

Speaker

David Ohlsson

10:50–11:10

Creating Competitive Metal AM Production with High Volume and Flexibility Based on Digital Twins

Speaker

Mr Anders Hjerimitslev

11:10–11:30

Computational design of high γ' nickel-based superalloys for laser powder bed fusion

Speaker

Dr Patrick Köhnen

11:30