

Session Program

5-6 May 2022

Integrated Computational Materials, Process and Product Engineering - IC-MPPE 2022

Special alloys for special applications I

Live Congress Leoben
Hauptpl. 1, 8700 Leoben, Austria

Thursday 5 May

08:50

Special alloys for special applications I

Session | **Location:** Peter Tunner Saal - Room 2 | **Convener:** Gerald Ressel

08:50-09:10

Technology race between WAAM and forging for cost-efficient Ti-6Al-4V aerospace components

Speaker

Aleksandar Stanojevic

09:10-09:30

Complementary in-situ investigations for the development of predictive models of the martensitic substructure size of a low carbon lath martensitic steel

Speaker

Thomas Hoenigmann

09:30-09:50

Forging challenges for high performance applications

Speaker

Thomas Hatzenbichler

09:50-10:10

Design approach for enhanced austenite stability in bainitic steels for high ductility applications

Speaker

Dominik Brandl

10:10