

Session Program

20-26 Oct 2026

International Conference on Thermo Mechanical Processing - TMP 2026

Intelligent Manufacturing

Austria Trend Parkhotel Schönbrunn
Hietzinger Hauptstraße 10, 1130 Wien

Wednesday 21 October

09:00

Intelligent Manufacturing

Session | Location: Room Ungarn

09:00–09:20

Prediction of Mechanical Properties in Automotive Hot-Rolled Steel Coils based on Position-Specific Cooling History and Process Data Mapping

Speaker

Dr JAEHYUN CHOI

09:20–09:40

Through Process Modelling of Steel Production in Štore-Steel Company

Speaker

Prof. Božidar Šarler

09:40–10:00

Artificial Intelligence Empowered Processing of Metallic Materials: Challenges and Perspectives

Speaker

Prof. Wei Xu

10:00–10:20

A Hybrid AI Approach for Rolling Force Prediction in Plate Mills: Integrating Machine Learning Technique with Metallurgical Simulation Variables

Speaker

Mr Jackson Carvalho

10:20