

Session Program

20-26 Oct 2026

International Conference on Thermo Mechanical Processing - TMP 2026

Alloy Interactions with TMP

Austria Trend Parkhotel Schönbrunn
Hietzinger Hauptstraße 10, 1130 Wien

Tuesday 20 October

15:00

Alloy Interactions with TMP

Session | Location: Room Österreich

15:00–15:20

Strategies to Increase Productivity in Hot Rolling of Heavy-gauge Steel Plates Through Integrated Niobium Microalloying and Temperature-Microstructure Modeling

Speaker

Jonatas Venancio Barbosa

15:20–15:40

Nickel's metallurgical functionalities in TMP processing of structural plate steels

Speaker

Andreas Kern

15:40

16:10

Alloy Interactions with TMP

Session | Location: Room Österreich

16:10–16:30

Influence of NbC Precipitate Size Distribution on Pipe Seam/Girth Weld HAZ Austenite Grain Size Control in API X70 heavy gauge plates

Speakers

Joao Paulo Souto, Mr Subhrit Roy

16:30–16:50

Effect of Niobium Microalloying on Recrystallization Kinetics, Precipitation, and Mechanical properties in Low-Carbon, Low-Alloyed Steels

Speaker

Ms Katariina Lehtola

16:50–17:10

The Sustainable Production of Vanadium and its Application in TMP Steels and Other Alloys

Speaker

Dr David Crowther

17:10–17:30

Effect of combined Nb-V microalloying in mechanical behavior of rebars

Speaker

Joao Paulo Souto

17:30