

Session Program

13-15 Nov 2024



Molybdenum Symposium 2024 - Mo4Steel 2024

MOLYBDENUM BOOSTING PROCESS EFFICIENCY

Arcotel Wimberger
Neubaugürtel 34-36 Vienna, 1070 Austria

Thursday 14 November

14:00

MOLYBDENUM BOOSTING PROCESS EFFICIENCY

Session | **Location:** Arcotel Wimberger, Neubaugürtel 34-36 Vienna, 1070 Austria | **Convener:** Pello Uranga

14:00–14:30

Molybdenum - A sustainable Partner for the Special Steel Industry

Speaker

Frank Hippenstiel

14:30–14:55

Benefits of Molybdenum to produce heavy steel plates via the direct quenching process

Speaker

Eric Detemple

14:55–15:20

Unlocking Performance: Leveraging Molybdenum for Enhanced Properties and Microstructure in Advanced TMCP-Processed API 5L-X80 Steel Plates

Speaker

Mr Amin Asiaban

15:20–15:45

Use of Molybdenum for Recrystallization Control and Microstructure Development in Compact Strip Production

Speaker

Mr C. Matthew Enloe

15:45

16:15

MOLYBDENUM BOOSTING PROCESS EFFICIENCY

Session | **Location:** Arcotel Wimberger, Neubaugürtel 34-36 Vienna, 1070 Austria | **Convener:** Emmanuel De Moor

16:15–16:40

Modelling of the effect of a Mo-addition on the kinetics of precipitation reactions in high-strength micro-alloyed structural steels during heat treatment and hot-dip galvanizing

Speaker

Dr Charles Stallybrass

16:40–17:05

Effect of molybdenum on the strengthening mechanisms of advanced HSLA-steels

Speaker

Mr Mario Ploberger

17:05–17:30

Liquid phase-enhanced molybdenum homogenization during sintering of PM steels

Speaker

Mr Aurel Dvorak

17:30-17:55

Sinter hardening hybrid alloyed PM steels based on Mo prealloyed powder

Speaker

Stefan Geroldinger

17:55