



# Molybdenum Symposium 2024 - Mo4Steel 2024

## Thursday 14 November 2024

### MOLYBDENUM BOOSTING PROCESS EFFICIENCY (14:00-15:45)

**-Conveners: Pello Uranga**

time	[id] title	presenter
14:00	[30] Molybdenum – A sustainable Partner for the Special Steel Industry	HIPPENSTIEL, Frank
14:30	[5] Benefits of Molybdenum to produce heavy steel plates via the direct quenching process	DETEMPLE, Eric
14:55	[7] Unlocking Performance: Leveraging Molybdenum for Enhanced Properties and Microstructure in Advanced TMCP-Processed API 5L-X80 Steel Plates	Mr ASIABAN, Amin
15:20	[20] Use of Molybdenum for Recrystallization Control and Microstructure Development in Compact Strip Production	Mr ENLOE, C. Matthew

### MOLYBDENUM BOOSTING PROCESS EFFICIENCY (16:15-17:55)

**-Conveners: Emmanuel De Moor**

time	[id] title	presenter
16:15	[11] 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	Dr STALLYBRASS, Charles
16:40	[22] Effect of molybdenum on the strengthening mechanisms of advanced HSLA-steels	Mr PLOBERGER, Mario
17:05	[10] Liquid phase-enhanced molybdenum homogenization during sintering of PM steels	Mr DVORAK, Aurel
17:30	[13] Sinter hardening hybrid alloyed PM steels based on Mo prealloyed powder	GEROLDINGER, Stefan