

Molybdenum Symposium 2024 - Mo4Steel 2024

Thursday 14 November 2024

THE POWER OF MOLY (08:30-10:15)

-Conveners: David Quidort

time	[id] title	presenter
08:30	[24] The power of Moly alloying – a brief history of sustainable steel metallurgy	MOHRBACHER, Hardy
09:00	[14] The role of molybdenum on microstructure evolution in low-carbon steels	MILITZER, Matthias
09:25	[6] Understanding of Molybdenum effects on the dynamic and static softening mechanisms in hot rolled low carbon steels: basic principles and processing implications	URANGA, Pello
09:50	[3] The effect of Mo addition on hydrogen embrittlement in pipeline steels	ESKINJA, Magdalena

THE POWER OF MOLY (10:45-12:50)

-Conveners: Matthias Militzer

time	[id] title	presenter
10:45	[12] The effect of molybdenum during hot rolling on the microstructure and mechanical properties of wear resistant steels	KAIJALAINEN, Antti
11:10	[4] Interplay between alloying and tramp element effects on temper embrittlement in bcc iron: DFT and thermodynamic insights	Mr AMIN, Sakic
11:35	[21] Mo in steels – An ab initio perspective	ECKER, Werner
12:00	[25] Passivity and repassivation mechanism of stainless steels containing molybdenum	Prof. VALTINER, Markus
12:25	[23] Molybdenum, and essential element in tool steels	LEITNER, Harald