

Session Program

23-25 May 2022

5th International High Manganese Steel Conference - HMNS 2022

Medium Mn Steels

voestalpine Stahlwelt
voestalpine Stahlwelt (steel world) voestalpine-Straße 4 4020 Linz Austria

Tuesday 24 May

09:05

Medium Mn Steels

Session | **Location:** Room 2 | **Convener:** Adam Grajcar

09:05–09:30

Revealing the austenite reversion mechanism in medium-Mn steel by innovative cyclic partial-transformation annealing

Speaker

Mr Xiao Shen

09:30–09:55

Consideration of critical aspects concerning large-scale production and use in automotive applications based on an optimized alloying concept for a batch-annealed medium-Mn780 grade

Speaker

Katharina Steineder

09:55–10:20

Austenite Nucleation and Growth as a Function of Starting Microstructure in a Fe-0.15C-5.56Mn-1.1Si-1.89Al Medium-Mn Steel

Speaker

Prof. Joseph McDermid

10:20

10:50

Medium Mn Steels

Session | **Location:** Room 2 | **Convener:** Christof Sommitsch

10:50–11:15

Grain size evolution during intercritical annealing of 5% medium-Mn steel

Speaker

Mr Adam Skowronek

11:15–11:40

Effect of heating and cooling rates on the microstructure of a double soaked medium-manganese Al-alloyed steel

Speaker

Aleksandra Kozłowska

11:40–12:05

Austenite Evolution and Mn Redistribution during Double Soaking

Speaker

Dr Joshua Mueller

12:05–12:30

Solute Enrichment at the α/γ Phase Boundary in Medium Mn Steel (virtual presentation)

Speaker

Faisal Waqar Syed

12:30