

Session Program

23-25 May 2022

5th International High Manganese Steel Conference - HMNS 2022

High Mn Stainless Steels

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

Tuesday 24 May

09:05

High Mn Stainless Steels

Session | **Location:** Room 1 | **Convener:** Clara Herrera

09:05–09:30

Advanced austenitic stainless steels with high N and Mn

Speaker

Prof. Guocai Chai

09:30–09:55

Comparison of passive films formed on a high-Cr adding high-Mn steel and typical austenitic stainless steels (virtual presentation)

Speaker

Kwang Kyu Ko

09:55–10:20

Quenching and Partitioning of Metastable Austenitic CrMnNi-Steels

Speaker

Dr Marco Wendler

10:20

10:50

High Mn Stainless Steels

Session | **Location:** Room 1 | **Convener:** Guocai Chai

10:50–11:15

Comparative studies of passive layers of CrMnN and CrNi austenitic steel stainless grades highlighting the effect of manganese

Speaker

Rainer Fluch

11:15–11:40

Strain-induced α' -Martensite Evolution of Fe-17Cr-8.6Mn-4Ni-0.17N Steel at different Temperatures

Speaker

Mrs Caroline Quitzke

11:40