

Session Program

22-25 Sept 2024



Liquid Metal Processing & Casting Conference - LMPC 2024

Session 4

ASIA Hotel & Spa Leoben
In der Au 1/3, A-8700 Leoben, Austria

Tuesday 24 September

13:30

Session 4: Casting

Session | **Location:** ASIA Hotel & Spa Leoben, In der Au 1/3, A-8700 Leoben, Austria | **Convener:** Kyle Fezi

13:30–13:50

Advanced Level 2 Software Integration for Enhanced Temperature Control from Meltshop to Casting

Speaker

Dr Michael Florian Peintinger

13:50–14:10

Grain refinement of high-Mn wear-resistant cast steel by means of heterogeneous nucleation

Speaker

Peter Presoly

14:10–14:30

Influence of the rotation parameters on the solidification conditions during mechanical stirring

Speaker

Dr Harald Holzgruber

14:30–14:50

On Modelling Electromagnetic Braking in Thin Slab Continuous Casting: fundamentals, applications, and outlooks

Speaker

Dr Alexander Vakhrushev

14:50

15:10

Session 4: Casting 2

Session | **Location:** ASIA Hotel & Spa Leoben, In der Au 1/3, A-8700 Leoben, Austria | **Convener:** Zhouhua Jiang

15:10–15:30

Experimental evaluation of MHD modeling and engineering applications

Speaker

Dr Haijie Zhang

15:30–15:50

Simulation and optimization of electromagnetic stirring and braking in slab continuous casting mold

Speaker

Mr Alija Vila

15:50–16:10

Interface tracking in modeling of nozzle clogging in steel continuous casting

Speaker

Hadi Barati

16:10-16:30

Formation of segregated channels in a rotating geometry during the solidification of steel alloy

Speaker

Ibrahim Sari

16:30