

Session Program

22-25 Sept 2024



Liquid Metal Processing & Casting Conference - LMPC 2024

Session 6

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

Wednesday 25 September

09:00

Session 6: CFD and modeling

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

09:00–09:20

On Performance of Data Models and ML Routines for Simulations of Casting Processes

Speaker

Amir Horr

09:20–09:40

Fast simulation of a multiphase tundish flow by using recurrence CFD

Speaker

Hannes Lumetzberger

09:40–10:00

Using CFD to study freeze-lining formation: a collaborative research project between academia and industry

Speaker

Dr Christian Gomes Rodrigues

10:00–10:20

Study on the Influence of Neutral Gas Fraction in the AOD Process using a 3D Two-Phase CFD Model

Speaker

Mr mohammad khoshahang

10:20