

Session Program

26-29 Jun 2017



9th ECCC European Continuous Casting Conference - ECCC 2017

Numerical simulation I

Austria Center Vienna
Bruno-Kreisky-Platz 1 1020 Vienna Austria

Wednesday 28 June

13:50

Numerical simulation I

Session | **Location:** Austria Center Vienna, Room N, Bruno-Kreisky-Platz 1 1020 Vienna Austria | **Convener:** Mirko Javurek

13:50–14:20

Water modeling on the multiphase fluid flow in a continuous casting mold

Speaker

Mr Lifeng Zhang

14:20–14:40

Numerical Simulation of turbulent Steel CEM® mold under high mass flow condition

Speaker

Mr Jong-Yeon Hwang

14:40–15:00

Modelling slag entrainment in the continuous casting mold with LES-VOF simulations and comparison to a water/oil benchmark experiment

Speaker

Stefan Puttinger

15:00–15:20

Phase-field based solidification model for binary alloy in OpenFOAM

Speaker

Mr A Sengupta

15:20–15:40

Coupled fluid dynamic and electromagnetic calculation of mold and secondary cooling region in a continuous caster

Speaker

Mr Norbert Vogl

15:40