

Session Program

5-7 Oct 2021

**9th International Conference on Modeling
and Simulation of Metallurgical Processes in
Steelmaking - STEELSIM2021**

Poster Session

Virtual Conference

Wednesday 6 October

16:30

Poster Session: Postersession Session

16:30–16:35

Development of adaptive meshless solution procedure for phase field modelling of dendritic solidification in carbon steel.

Speaker

Mr Tadej Dobravec

16:35–16:40

Numerical Simulation of Solid Shell Distribution in a Funnel Shape Mold under Electromagnetic Braking and Strand Electromagnetic Stirring

Speaker

Dr Changjun Wang

16:40–16:45

Effect of bottom tuyere blockage on the mixing efficiency of molten bath in a converter

Speaker

Dr Jiankun sun

16:45–16:50

Prediction of mechanical properties of hot rolled steel plates using neural network and statistical method

Speaker

Mr Xiaoan Yang

16:50–16:55

Thermodynamic Performance Optimization of CaO-SiO₂-MgO-Al₂O₃ Slag System Based on Response Surface Methodology and Multiobjective Optimization

Speaker

Mr Zicheng Xin

16:55–17:00

Numerical investigation of steelmaking by-products recycling using microwave radiation

Speaker

Mr Luís Silva

17:30