

Session Program

5-7 Oct 2021

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

T_12 Processing of special steels (ESR, VAR, VIM, etc.)

Virtual Conference

Wednesday 6 October

13:00

T_12 Processing of special steels (ESR, VAR, VIM, etc.)

Session | Location: Room 3 | Convener: Prof. Abdellah Kharicha

13:00-13:20

Numerical Modeling of Scrap Melting and Heat Transfer During Electrode Bore-In IN AC EAF

Speaker

Mr Yuchao Chen

13:20-13:35

A numerical study on the impact of a time-varying axial magnetic field on an industrial vacuum arc remelting (VAR) process

Speaker

Mr Ebrahim Karimi-Sibaki

13:35-13:50

Numerical Simulations of the Molten Metal Droplet Formation in the Electro-slag Remelting Process with a Rotating Electrode

Speaker

Mr Christian Schubert

13:50