

Session Program

5-7 Oct 2021

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

T_1 Raw materials & ironmaking

Virtual Conference

Tuesday 5 October

10:20

T_1 Raw materials & ironmaking

Session | **Location:** Room 1 | **Convener:** Prof. Henrik Saxén

10:20–10:40

Real Time Modelling of Burden Components Distribution during Hopper Outflow and Burdening via a rotating Chute

Speaker

Dr Stephan Hojda

Location

Room 1

10:40–10:55

On the Role of Heat Transfer in the Thermo Chemical Conversion of Pulverized Coal

Speaker

Markus Bösenhofer

Location

Room 1

10:55–11:10

Development of a porous solid model for DRI applications

Speaker

Dr Quentin Fradet

Location

Room 1

11:10–11:25

Species Diffusion Modeling in Porous Particles for Metallurgical Applications

Speaker

Dr Markus Bösenhofer

Location

Room 1

11:25–11:40

A new sinter plant model for flowsheet simulations

Speaker

Johannes Niel

Location

Room 1

11:40