

Session Program

20-22 May 2025



10th European Oxygen Steelmaking Conference - EOSC CTSI 2025

**Impact of changed raw material mix on BOF
process and secondary metallurgy**

Wednesday 21 May

09:10

Impact of changed raw material mix on BOF process and secondary metallurgy

Session | **Location:** Room 2 - Maximilian | **Convener:** Joachim Lehner

09:10-09:30

BOF Steelmaking - dead or alive? How to survive in the 21st century?

Speaker

Dr Jens Kempken

09:30-09:50

Prospects of utilizing alternative fluxing agents for replacing fluorspar in steelmaking processes

Speaker

Dr Yu-Chiao Lu

09:50-10:10

A Holistic Approach to Sustainable Steelmaking: Innovative Methods for Achieving Ultra-Low Carbon, Low Nitrogen, and Low Sulfur with Modern Secondary Metallurgy

Speaker

Alexander Weigl

10:10-10:30

NITROGEN REMOVAL DURING SECONDARY METALLURGY AS PART OF STEELMAKING TRANSITION: IMPACT ON TYPE OF DEGASSING UNIT

Speaker

Mr Bojan Vucinic

10:30

11:00

Impact of changed raw material mix on BOF process and secondary metallurgy

Session | **Location:** Room 2 - Maximilian | **Convener:** Dominik Schöne

11:00-11:20

Automatic Scrap Classification Opportunities for Improvements of the Scrap ecosystem in Meltshops

Speaker

Dr Jens Kempken

11:20-11:40

RH High-efficiency Combined Blowing Denitrification Technology Based on Microbubble Metallurgy

Speaker

Jianhua Liu

11:40-12:00

Innovations and Optimizations in Tracing Non-Metallic Inclusions in Steel

Speaker

Dr Kathrin Thiele

12:00-12:20

Simulation of Mixing Efficiency in a Large-Scale Dephosphorization Converter with Combined Top and Bottom Blowing

Speaker

Chengyi Wang

12:20