

Session Program

20-22 May 2025



10th European Oxygen Steelmaking Conference - EOSC CTSI 2025

**Energy savings and energy efficiency
optimization**

Tuesday 20 May

14:00

Energy savings and energy efficiency optimization

Session | **Location:** Room 2 - Maximilian | **Convener:** Gerald Klösch

14:00–14:20

Reduction of energy losses of steel ladles by improved castables for the permanent lining

Speaker

Mrs Charlotte Linden

14:20–14:40

Highly efficient technologies for increased yields in steelmaking processes and reduced environmental impact - HIYIELD

Speaker

Björn Glaser

14:40–15:00

Reduction of Electrode Unit Consumption in Ladle Furnace

Speaker

Mr Yasuyuki Tani

15:00–15:20

A novel approach to energy management in electric steelworks

Speaker

Dr Lorenzo Vannini

15:20

15:50

Energy savings and energy efficiency optimization

Session | **Location:** Room 2 - Maximilian | **Convener:** Gerald Wimmer

15:50–16:10

The new Performance level - Catching up productivity gaps in BOF meltshops

Speaker

Dr Jens Kempken

16:10–16:30

Continuous optimization through adaptive boiler cleaning using Shock Pulse Generators

Speaker

Rolf Siegenthaler

16:30–16:50

Smart management of process off-gases paving the way to the decarbonization of the steel production route

Speaker

Dr Lorenzo Vannini

16:50–17:10

Reducing Site Utilities Emissions and Energy Costs with Artificial Intelligence and Real Time Optimization.

17:10

Speaker

Mr Bart de Groot