

10th European Oxygen Steelmaking Conference - EOSC CTSI 2025

Tuesday 20 May 2025

Energy savings and energy efficiency optimization - Room 2 (14:00-15:40)

time	[id] title	presenter
14:00	[18] Reduction of Electrode Unit Consumption in Ladle Furnace	Mr TANI, Yasuyuki
14:20	[42] Highly efficient technologies for increased yields in steelmaking processes and reduced environmental impact - HIYIELD	GLASER, Björn
14:40	[44] A novel approach to energy management in electric steelworks	COLLA, Valentina
15:00	[71] Reduction of energy losses of steel ladles by improved castables for the permanent lining	Mrs LINDEN, Charlotte
15:20	[10] Enhancing Molten Steel Temperature Prediction Using a Hybrid Approach: Machine Learning and Finite Volume Method	AZIZI, Fatemeh

Energy savings and energy efficiency optimization - Room 2 (16:10-17:50)

time	[id] title	presenter
16:10	[63] The new Performance level - Catching up productivity gaps in BOF meltshops	KEMPKEN, Jens
16:30	[12] The Exergy Analysis of Extracting Vanadium on Top and Bottom blowing oxygen converter in PanSteel Steelmaking Pla	ZHANG, qiang
16:50	[66] A critical review on Post Combustion in converter steelmaking	BOTINHA LOPES CANCADO, Roberta ROUT, Bapin
17:10	[32] Continuous optimization through adaptive boiler cleaning using Shock Pulse Generators	MEIER, Fabian
17:30	[39] Smart management of process off-gases paving the way to the decarbonization of the steel production route	MATINO, Ismael