



# **EEC 2026 - 14th European Electric Steelmaking Conference & EMECR 2026 - 5th International Conference on Energy and Material Efficiency and CO2 Reduction in the Steel Industry**

## **Monday 11 May 2026**

### **AI and Machine Learning in Process Optimization I - Parini room (16:10 - 17:10)**

time	[id] title	presenter
16:10	[46] Closed-Loop Optimization for Energy Efficiency and Scrap Utilization in Steelmaking at Marcegaglia Sheffield	ROHRHOFER, Andreas
16:30	[144] A Hybrid Physical–Machine Learning Framework for Real-Time Bath Oxygen and Carbon Soft Sensing in DRI-Based Electric Arc Furnaces	BEHERA, Narottam
16:50	[35] Multi-Tiered AI Implementation for Slag Property and Alloy Prediction in EAF Operations: Operational Validation Access Three Steel Producers	Mr OZBAY, Pamir