



# 10th European Oxygen Steelmaking Conference - EOSC CTSI 2025

## Wednesday 21 May 2025

### Industry 4.0: Automation, modelling and on-line process analyses - Room 2 (14:20-15:40)

time	[id] title	presenter
14:20	[13] Development and Application of fully-automated smart steelmaking system on converter applicate at the Ansteel steelmaking plant	ZHANG, qiang
14:40	[28] High-speed liquid steel analysis for improved control of primary steelmaking	Mr VASANTHASENAN REJI, Aravind Senan
15:00	[43] Decreasing the environmental impact of the electrical steel route through advanced modelling techniques	COLLA, Valentina
15:20	[48] Forging the Future: Advanced Automation in Converter Steelmaking for a Sustainable Twin Transition	Ms MAYRHOFER, Anna

### Industry 4.0: Automation, modelling and on-line process analyses - Room 2 (16:10-17:30)

time	[id] title	presenter
16:10	[17] Utilizing an AI counting system for shipping deformed steel bars	Mr KAWAKATSU, Ryuuji
16:30	[33] Data-driven predictions of castability in low-alloyed steels with the aid of ab-initio datasets	Dr KUTHE, Sudhanshu
16:50	[51] How robotics is transforming the steel production	Mrs ZOPPIROLI, Anna
17:10	[76] Characteristic analysis of mold level fluctuation in continuous casting Based on Wavelet Transform	Prof. CUI, Heng