7th European Steel Technology and Application Days - ESTAD 2025

Thursday 9 October 2025

Digital transformation - Steelmaking Continuos Casting - Salieri (12:00 - 12:20)

  -Conveners: Michele De Santis

time	[id] title	presenter
12:00	[309] Crafted Scrap: Scrap Yard Automation and Advanced Sensors	REITER, Alexander MELCHER, Andreas

Digital transformation - Steelmaking Continuos Casting - Salieri (13:20 - 15:20)

  -Conveners: Cosmo Di Cecca

time	[id] title	presenter
13:20	[413] Metallurgical Quality Assessment Of Continuous Casting Combining AI, Sensor Information and Machine Vision	Ms BOERU, Elena-Briana
13:40	[435] Estimating Reheating Time for Steelmaking Ladles Using Optimization-Based Machine Learning Approach Integrated with a Physical Thermal Model	AZIZI, Fatemeh
14:00	[273] Fully automated antimixup solution with LIBS technology, ensuring 100% check of the bar and billet proven over years of process operation.	AHSAN, amit
14:20	[131] Explainable AI for Property Prediction in Scrap-Based Steel Production: A Public Data Implementation	MILLNER, Gerfried
14:40	[254] THE PIVOT ROLE OF MODELLING IN PROBLEM-SOLVING ISSUES IN CONTINUOUS CASTING OF STEEL: A PROJECT CLUSTERING EXPERIENCE IN THE EUROPEAN PROGRAMMES FRAME	DE SANTIS, Michele
15:00	[378] Application of Deep Learning technique to improve the scrap quality	PETRUCCIANI, Alice