

7th European Steel Technology and Application Days - ESTAD 2025

Wednesday 8 October 2025

Quality Control & Inspection - Margherita II (16:30 - 18:30)

time	[id] title	presenter
16:30	[102] Online and Real-Time Recrystallized Fraction Estimation in Steel Rolling Processes by Laser Ultrasound	MALMSTRÖM, Mikael
16:50	[41] Study on shape defects of thin steel sheets caused by steep longitudinal temperature gradient	YOSHIMOTO, SOSHI
17:10	[184] Development of Monitoring System Using Vision Technology for Surface Quality of Steel Plate During Heat Treatment	PARK, TAE JUN
17:30	[145] New insights from the online LUS grain size measurements	Dr HOPPE, Dietmar
17:50	[304] Advanced robotic system for automated plate processing: precision, efficiency, and seamless integration	RUSU, ION
18:10	[123] In-Situ Grain Size Measurement During Hot Rolling Simulations With Dynamic Recrystallization By Laser Ultrasonics	MALMSTRÖM, Mikael

Thursday 9 October 2025

Quality Control & Inspection - Margherita II (08:30 - 10:10)

-Conveners: Giordano Streggi Montauti

time	[id] title	presenter
08:30	[288] A Study on reducing the dispersion of the mechanical properties of hot coils through the dynamic adjustment of the coiling temperature	LEE, SangYoung
08:50	[285] Advancing Online, Continuous Surface Cleanliness Monitoring with the TST.1 System	Mr ALMQUIST, Eric
09:10	[399] Laser ultrasonics for microstructure verification of heat treatments and thermal processes (LUMHEAT)	WIKMARK KREUGER, Hampus
09:30	[358] New Optical Flatness Measurement by Magnetic Deflection	Mr ROGGE, Marian
09:50	[305] Enhancing quality control for Long Products with robotics and computer vision	RUSU, ION