

7th European Steel Technology and Application Days - ESTAD 2025

Tuesday 7 October 2025

Surface Technologies - Mozart (10:50 - 12:50)

time	[id] title	presenter
10:50	[275] High temperature oxidation in steel processing under different process conditions, atmospheres and rising levels on tramp elements	PRESOLY, Peter
11:10	[156] ON-LINE STEEL SURFACE CONTAMINATION MONITORING WITH LIBS-BASED SENSOR	EGNER, David
11:30	[88] Energy- and Space-Saving Electrolytic Cleaning with SMS group Pulse Nozzle Technology	Dr WOLFF, Hanna
11:50	[405] On-line laser cleaning of skin pass rolls	SYMENS, Gaétan
12:10	[62] Oiling of Steel Strip: A New, Intelligent Oiling Machine Combines Electrostatic Oiling With High-Precision Oil Film Measurement, Ensuring Higher Process Security and Lower Oil Consumption	FIEWEGER, Martin
12:30	[205] Plasma Nitriding of Vanadium-Alloyed Air-Hardening Ductile Steels	Dr SCHMIDT, Rolf

Surface Technologies - Mozart (14:30 - 16:10)

-Conveners: Giovanni Bolelli

time	[id] title	presenter
14:30	[24] Modification of Diamond Like Carbon (DLC) to improve specific tribological characteristics for automotive steel components	ROMAGNOLI, Denis
14:50	[474] Enhancing 100Cr6 Steel Surface Performance with Thermally Sprayed Alumina: Mechanical, Electrical, and Tribological Evaluation	Mrs SHEIBANIAN, NAZANIN
15:10	[86] Advancements and future prospects of zero emission galvanizing technologies	Dr KRETSCHMER, Matthias
15:30	[34] Investigation on the use of organic acids to pickle the oxide scale of carbon steel hot rolled strips	Mr FLAMENT, Sebastien
15:50	[375] Innovative "Scale Free" Furnace for section rolling mill	Mr VENANZINI, Alessandro

Surface Technologies - Mozart (16:40 - 19:00)

-Conveners: Giovanni Bolelli

time	[id] title	presenter
16:40	[389] Improving sustainability of Cold Rolling of Low-Carbon Steels via Oil Free Lubricants	Prof. COLLA, Valentina
17:00	[197] Advanced Coating Thickness Measurement in Electrical Steel Manufacturing with EMG SOLID® DFT	KRESO, Mark
17:20	[167] High Turbulence Pickling	FLAMENT, Sebastien
17:40	[458] Optimization of Stainless Steel Cold Rolling Lubrication Through Thermal Modeling	Ms ELHAJJ, Cynthia

18:00	[470] Design and advantages of a hybrid furnace combining gas burners and induction heating	Dr RIZZO, Agostino Dr GIALLOMBARDO, Carlo Prof. MAPELLI, Carlo Dr MACARIO, Matteo Dr BAZRI, Shahab
18:20	[153] Hot strip surface quality improvements by: Work roll lubrication and cooling package for hot strip mills with a new special feature for a continuous lubrication	MITTLBÖCK, Simon