



# 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

### Automation and Digitalization in Electric Steelmaking I - Parini room (14:10 - 15:50)

time	[id] title	presenter
14:10	[27] Optimization of electric arc furnace refining via CFD simulation of steel, slag, and freeboard dynamics	UGARTE, Orlando
14:30	[133] Optimized Scheduling for Electric Steelmaking: Integrating EAF, Secondary Metallurgy, Casting and Rolling for Throughput and Energy Efficiency	Dr PEINTINGER, Michael
14:50	[138] Computer Vision-Based Copper Detection for Electric Arc Furnace Scrap Quality Enhancement	Dr PETRUCCIANI, Alice
15:10	[10] Innovation in weighing technologies meet growing melt shop operation requirements	Mr BRAUER, MARTIN RUDOLF
15:30	[90] Hot Heel estimation: How system dynamics can be used for multiple purposes	VAN INGELGEM, Yves