

7th European Steel Technology and Application Days - ESTAD 2025

Tuesday 7 October 2025

Blast Furnace Process Optimization & Control - Vivaldi (16:40 - 19:00)

time	[id] title	presenter
16:40	[109] Deep Learning Model to Predict the Remaining Time to Close Tap-holes for Blast Furnaces	Dr LEE, Seungmoon
17:00	[112] Implementation of EASyMelt with Ammonia and HBI Charging to Achieve Ultra Low Carbon Ironmaking	Mr MAURET, Florent
17:20	[195] Reducing blast furnace CO2 emissions	Dr LONG, Edward
17:40	[216] AI-Powered Cohesive Zone Optimization: Enhancing Efficiency and Stability in Blast Furnaces	Dr WACHLMAYR, Johann
18:00	[232] Breaking boundaries: Tata Steel's H Blast Furnace sets new standards	Mr CASTAGNOLA, Cristiano
18:20	[322] Monitoring of blast furnace wall pressure profiles and their relation to process efficiency	BARTUSCH, Hauke
18:40	[8] Campaign Life Extension of Hot Stoves in Blast Furnace Ironmaking	SAMUEL, Steven

Wednesday 8 October 2025

Blast Furnace Process Optimization & Control - Vivaldi (09:00 - 10:00)

-Conveners: Davide Mombelli

time	[id] title	presenter
09:00	[353] Solid as Iron: Integrated Blast Furnace Control, Optimization, Condition Monitoring, and Simulation	BETTINGER, Dieter
09:20	[429] A blast furnace tapping simulator to better understand dead man flotation scenarios	PUTTINGER, Stefan
09:40	[424] Burden distribution modeling to diagnose blast furnace operations	SUKHRAM, Mitren