

7th European Steel Technology and Application Days - ESTAD 2025

Wednesday 8 October 2025

Burden Materials & Quality - Vivaldi (10:00 - 10:40)

-Conveners: Davide Mombelli

time	[id] title	presenter
10:00	[451] HIGH PELLET RATES IN ARCELORMITTAL TUBARÃO BLAST FURNACE 3	Mr JOSÉ DOS SANTOS CARVALHO, João
10:20	[63] Development of Degradation Model for Sinter Ore Considering Particle Size Distribution	NISHIHIRO, Kazuto

Burden Materials & Quality - Vivaldi (11:10 - 12:50)

time	[id] title	presenter
11:10	[345] Sodium silicate impacts on blast furnace operation.	Mr PEREIRA DE SÁ, AUGUSTO ROCHA DA SILVA, FABIO Dr EMRICH, MARCUS Dr DE OLIVEIRA, VINICIUS MORAIS
11:30	[241] Comparison of laboratory tests and HKM blast furnaces on the reduction and carburisation behaviour of burden materials under coke gas injection	Dr PERRET, Fabian
11:50	[452] Evaluation of Hot Briquetted Iron (HBI) in Blast Furnace 2 at ArcelorMittal Tubarão: Impact on Productivity, Fuel Rates, and Decarbonization	Mr JOSÉ DOS SANTOS CARVALHO, João
12:10	[199] Influence of the mineral gangue on pellets softening melting properties in Blast Furnace. Experimental study of phase equilibria during the melting of pre-reduced pellets	GRAZ, Yann
12:30	[272] Cold Agglomerated Iron Ore Briquettes for Blast Furnace: Refractory Performance of Runner and Mud Gun	Mr DE MORAIS OLIVEIRA, Vinícius Mr SAKO, Eric