

7th European Steel Technology and Application Days - ESTAD 2025

Tuesday 7 October 2025

Alternative Reduction Methods & Waste Utilization - Vivaldi (10:50 - 12:50)

-Conveners: F Cirilli

time	[id] title	presenter
10:50	[154] Circored as a Pre-Reduction Step for Low-Grade Iron Ores	PANDEY, Parizat
11:10	[208] Decarbonization of industrial high-temperature processes with an innovative Electric Gas Heating	Mr CASTELLI, Andrea
11:30	[298] Clean iron production by self-reducing agglomerates made in biochar and mill scale: a comparison in reduction efficiency as a function of biochar quality and properties	Dr DALL'OSTO, Gianluca
11:50	[284] Enhancing Steelmaking Waste Utilization through Electric Smelting Furnace Technology	JOUBARANI, Kamal
12:10	[419] Comparative Analysis of CO and H ₂ Reduction Mechanisms in Electric Arc Furnace Dust	SHPILEVAIA, Eleonora
12:30	[422] Electric Smelting Furnace Technology for Green Steelmaking	CHOMYN, Kyle