



# 7th European Steel Technology and Application Days - ESTAD 2025

## Thursday 9 October 2025

### Smelting & Carburization Technologies - Vivaldi (13:20 - 15:00)

-Conveners: F Cirilli

time	[id] title	presenter
13:20	[260] Smelter technology to close the raw material gap in green steel production routes	Dr WIMMER, Gerald
13:40	[416] Slag Modelling and Design Optimisation for Enhanced Performance in Electric Smelting Furnaces	JOUBARANI, Kamal
14:00	[12] Investigation of the smelting and carburization behavior of DRI-Pellets under an inert atmosphere using various carburization agents.	Mr KIPP, Daniel
14:20	[31] Reaction behaviour of different carbon sources in FeO containing slags for electric smelting furnaces	Mr WINKLER, Johann
14:40	[290] Effect of Carbonaceous Material Graphitization Degree on Carburization Behavior in Fe-C Mixture Powder during Rapid Heating	ONO, Ayana