

EEC 2026 - 14th European Electric Steelmaking Conference & EMECR 2026 - 5th International Conference on Energy and Material Efficiency and CO2 Reduction in the Steel Industry

Tuesday 12 May 2026

New and emergent ironmaking Technologies II - Parini room (11:00 - 13:00)

| time | [id] title | presenter |
|-------|--|------------------------------|
| 11:00 | [9] Volteron™: Scalable Electrochemical Ironmaking for Carbon-Free Steel Production | Mr MICHEL, David |
| 11:20 | [130] Hy4Smelt – Industrial Demonstration Project to Proof Potential Net-Zero Ironmaking by Combining Breakthrough HYFOR® and Smelter Technologies | FLEISCHANDERL, Dr. Alexander |
| 11:40 | [141] Thermal and reaction analysis of iron ore agglomerates under hydrogen atmosphere | NOGAMI, Hiroshi |
| 12:00 | [142] Biochar application for sustainable ironmaking using electric smelting furnace | CHO, Hannah Hyunah |
| 12:20 | [153] Techno-Economic Assessment of H2-DRI and NG-DRI-CCS Processes for Low-Emission Iron Production | GUAZZI, Sara |
| 12:40 | [58] Heat Transfer Mechanisms in Electric Smelter Furnaces for Ironmaking | KUDARU, Ujwal |