

7th European Steel Technology and Application Days - ESTAD 2025

Wednesday 8 October 2025

Slag Optimization & Process Control - Auditorium Verdi (12:10 - 12:50)

-Conveners: Klaus Krüger

| time | [id] title | presenter |
|-------|--|--------------------|
| 12:10 | [219] Advanced Dolime Injection Techniques for Enhanced EAF Steelmaking: Insights from a New Collaborative Trial by Lhoist and IntecoPTI | Mr DOUCE, Camille |
| 12:30 | [237] Electrical conductivity modelling of molten slag based on viscosity data - A mechanistic approach | Ms SCHLEMMER, Nina |

Slag Optimization & Process Control - Auditorium Verdi (14:00 - 16:00)

| time | [id] title | presenter |
|-------|--|------------------------|
| 14:00 | [246] Fast process slag analysis with laser spectroscopy, opening new opportunities for active optimization during melting and refining process. | AHSAN, amit |
| 14:20 | [328] On the benefits of switching from lime to dololime fines injection in electric arc furnace | Prof. MOMBELLI, Davide |
| 14:40 | [426] New techniques for improvement of the monitoring and conditioning of slag in EAF steelmaking for the optimization of steel treatment and slag recovery | FRITTELLA, Piero |
| 15:00 | [420] A Sustainable EAF Slag Practice Based on HYBRIT Laboratory Studies | Dr MARTINSSON, Johan |
| 15:20 | [391] Slag changes in future steelmaking scenarios: simulation investigations | Dr MATINO, Ismael |
| 15:40 | [433] Slag foaming due to CO generated at the slag/metal interface | CONEJO, Alberto |