

Posters and Circular Economy Projects for Estep Dissemination Corner

Wednesday 23 Oct

- 11:10-11:15 Hans-Peter König, FEHS-Institute**
Energy self-sufficient phosphate recycling from sewage sludge with integrated hydrogen production synthesis
- 11:15-11:20 Shine-Od Mongoljiibuu, Institute of Mechanical Process Engineering and Mineral Processing TU Bergakademie Freiberg**
Integrative Characterization of Steel Slags from Solid-Oxide Electrolyzers for Recyclability Evaluation
- 11:20-11:25 Patrick Piehl, BAM (Bundesanstalt für Materialforschung und -prüfung)**
Use of furnace steel slag for the construction of roads with rigid pavement
- 11:25- 11:30 Raquel Sánchez, CENIM (Centro Nacional de Investigaciones Metalúrgicas)**
Characterisation of EAF black slags oriented to iron recovery using hydrogen
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- 13:30- 14:45 Lunch Break**
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- 14:20-14:25 Mélina Gilbert, Swerim AB**
Recent progress in rapid slag analysis using Laser-Induced Breakdown Spectroscopy (LIBS) at the production site
- 14:25- 14:35 Rosa Ruiz, Acerinox**
Comprehensive strategy of off-materials from a stainless producer site. Economic and environmental optimization

Thursday 24 Oct

- 10:50- 10:55 Teresa Branca, Scuola Superiore Sant'Anna**
Symbio-Steel: Fostering Industrial Symbiosis solutions for the steel sector by results monitoring and dissemination from national and EU funded projects coupled to definition of cross-sectorial synergy scenarios
- 10:55-11:00 Shine-Od Mongoljiibuu, Institute of Mechanical Process Engineering and Mineral Processing TU Bergakademie Freiberg**
Integrative Characterization of Steel Slags from Solid-Oxide Electrolyzers for Recyclability Evaluation
- 11:00-11:05 Patrick Piehl, BAM (Bundesanstalt für Materialforschung und -prüfung)**
UThermochemical Treatment of Steel Work Dusts and Sludges for the Recovery of Zinc and Iron
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- 13:30- 14:50 Lunch Break**
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- 14:30-14:35 Roger Andres Cortèz Chavez, UPB (Universidad Privada Boliviana)**
Use of furnace steel slag for the construction of roads with rigid pavement
- 14:35-14:40 Antonino Runci, Vlaamse Instelling voor Technologisch Onderzoek (VITO)**
Assessment pozzolanic reactivity of carbonated BOF slag

Organizers: