

Wednesday 23 Oct

09:30 Welcome speech and opening

Legislation and Standardization

10:00 KeyNote- Hans Kobesen, Tata Steel Netherlands

The Future of slag is not without the past of slag

10:20 Iñaki Susaeta Elorriaga, IHOBE

Regulation on steel aggregates uses in the Basque Country

10:35 Jérémie DOMAS, C.T.P.L. - Centre Technique et de Promotion des Laitiers sidérurgiques

Use of ferrous slags in agriculture : overview on existing requirements and new updated regulatory framework in France

10:50 Debate
11:00 Coffee Break
11:45 Volkert Feldrappe, FEhS – Institut für Baustoff-Forschung, Duisburg, Germany

The use of steel slag as aggregate in concrete – environmental perspective

12:00 Anna K. Sokol, FEhS – Institut für Baustoff-Forschung, Duisburg, Germany

The use of steel mill slag as an industrial aggregate in concrete- technical perspective

12:15 Jeremie Domas, C.T.P.L. - Centre Technique et de Promotion des Laitiers sidérurgiques

Natural radioactivity of construction products Recommendations for the application of the regulatory provisions in the case of steel slags

12:30 Debate

Applications and Best Practices

12:40 Andrew Schmidt , CarbiCrete

Steel Slag Supply for Commercial Production

12:55 Rafael Martínez Moriano , Eiffage Construcción

Recycling The Present- Rethinking the Future: Recycling Steel slant in asphalt pavements

13:10 Luca Pietrobon , White Black Slag Technology

Re+Gen®: an innovative technology for recovery and reutilization of Steel Slags

13:25 Debate
13:35 Lunch Break
14:50 Néstor Urrutxua Miguel, TYPESA

Reinforcement of breakwaters in the Basque Country Autonomous Community with High Density Concrete Blocks

15:05 Jonathan Claus Otto Zepper , Tata Steel Netherlands

Quality Tracking and Monitoring of BOF slag

15:20 Kelly Cook , Edward C. Levy Co.

Review of a Novel Non-Destructive Technique utilizing XANES to detect Hexachrome in Steel Slag

15:35 Debate
15:45 Santiago Oliver and Asier San Millán, UNESID and SIDEREX

Conclusion remarks and announcements first day

15:55 End of sessions First Day
15:55 Networking

Thursday 24 Oct

Future Trends in the Steel Sector and Implications on Slag

09:00 KeyNote- Akhilesh Swarnakar and Alessandra Colli, ESTEP and European Commission (DG-RTD)

Slag innovations - Insights from ESTEP's Collaborative Approach

09:20 David Algermissen, FEhS – Institut für Baustoff-Forschung, Duisburg, Germany

Slags from Next Generation Steel Making Processes – Suitable for established Applications?

09:35 Rita Kallio and Eetu-Pekka Heikkinen , University of Oulu

Slags in transition - an overview on research of utilization possibilities and future EAF slag characteristics in Finland

09:50 Carola Celada, CENIM

Hydrogen application to recover iron from EAF steelmaking slags

10:05 Yu-Chiao Lu, KTH Royal Institute of Technology

Prospects of utilization hydrochar composite briquettes for realizing slag foaming in the electric arc furnace process

10:20 Debate
10:40 Coffee Break
11:25 Manuel Retamal, Universitat Politècnica de Catalunya

Alkaline Activation of Black Steel Slags as an Alternative Binder to Ordinary Portland Cement: A Practical Approach

11:40 Diego Fernando Aponte Hernández, Universitat Politècnica de Catalunya

Application of stainless steelslag in the manufacture of hydraulic road binders

11:55 Joachim Schneider, Bundesanstalt für Materialforschung und -prüfung (BAM)

Low carbon binders from steel slags by dynamic mineral carbonation

12:10 Christiaan Zeilstra, Tata Steel Netherlands

Cementitious investigation of slags arising from the HIsarna® ironmaking process Tata

12:25 Debate
12:40 Andreas Ehrenberg, FEhS – Institut für Baustoff-Forschung, Duisburg, Germany

Alkaline Activation of Black Steel Slag as an Alternative Binder to Ordinary Portland Cement: A Practical Approach

12:55 Liesbeth Horckmans, VITO

Long-term mechanical/expansive performance of ladle furnace slag as supplementary cementitious material in Portland cement systems

12:55 Francisco Agrela, University of cordoba

Application of stainless steelslag in the manufacture of hydraulic road binders

13:20 Debate
13:35 Lunch Break

Tendencies in Slag Utilization and Research Projects

14:50 Elsayed Mousa, SWERIM AB

Transforming Steelmaking Slags into a Sustainable Ingredient for Cement Production

15:05 José-Tomás San-José, University of the Basque Country (UPV/EHU)

Steelmaking slags in structural composites for a sustainable rehabilitation of concrete structures

15:20 Kazehiko Nagata, JFE Steel Corporation

Fundamental research on the improvement technology for stainless steel-making slag by using SiC in the waste refractory material

15:35 Debate
15:45 Break
16:15 Marta Castellote, Institute of Construction Science Eduardo Torroja, IETcc-CSIC

Stainless steel slag: significant potential beyond mere waste

16:30 Davide Mombelli, Politecnico di Milano

Outline of a washing treatment to improve EAF slag environmental behavior: an Italian case study

16:45 Ponnapat Watjanatepin, KU Leuven

Preliminary Environmental and Economic Process Optimization with Multi-Criteria Optimization Analysis of Steel Slags Mineral Carbonation as a Carbon Capture, Utilization and Storage Material

17:00 Sheshang Singh, Indian Institute of Technology Ropar

Investigating the Efficiency of Hot Stage Slag Cleaning Technique for Electric Arc Furnace Slag

17:15 Debate
17:30 Simona Oliverio, TENOVA

Valorization of the EAF and LF slag through dry granulation process

17:45 Yao-Hung Tseng, China Steel

An Innovative Treatment of Molten BOF Slag and Its Potential Applications

18:00 Rifat Buğra , Gebze Technical University

Valorization of steel slag as a safe soil amendment for sustainable crop production in different soil types

18:15 Debate
18:25 Santiago Oliver and Thomas Reiche, UNESID AND EUROSLAG

Conclusion remarks and announcements second day

18:40 End of sessions Second Day
18:40 Technical Visit Presentation- HARSCO ENVIRONMENTAL and BILBAO PORT
18:50 Networking