

## October 23<sup>rd</sup>, 2024

10:15

*KEYNOTE: "The future of slag is not without the past of slag"*

**HANS KOBESSEN – TATA STEEL**

*"Evolution of the regulation on slag aggregates uses in the Basque Country territory. A priority to address an important sector with a relevant side material"*

**IÑAKI SUSAETA – IHOBE**

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

**ANNA SOKOL – FEHS**

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BREAK

12:00

*"The use of steel slag as aggregate in concrete – technical perspective"*

**VOLKERT FELDRAPPE – FEHS**

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

**JEREMIE DOMAS – CTPL**

*"Natural radioactivity of construction products"*

**SHAHINAZ SAYAGH – CTPL**

13:00

*"Recycling the present, rethinking the future: recycling steel slag in asphalt pavements"*

**RAFAEL MARTÍNEZ – EIFFAGE CONSTRUCCIÓN**

*"Review of a novel non – destructive technique utilizing XANES to detect hexachrome in steel slag"*

**KELLY COOK – EDW. C. LEVY Co.**

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LUNCH

14:45

*“Reinforcement of breakwaters in the Basque Country with high – density concrete blocks”*

**NÉSTOR URRUTXUA – TYPSA**

*“Re+Gen®: an innovative technology for recovery and reutilization of steel slags*

**LUCA PIETROBON – WBST S.R.L.**

15:30

*“Quality tracking and monitoring of BOF slag”*

**JONATHAN CLAUS OTTO- TATA STEEL NETHERLANDS**

*(“To be Confirmed”)*

**TBC**

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PAUSE

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16:30

*(“To be Confirmed”)*

**TBC**

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END 1<sup>ST</sup> DAY

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## October, 24<sup>th</sup> 2024

9:45

*KEYNOTE: (“To be Confirmed”)*

**ESTEP + EC**

*“EAF slag and its potential to substitute granulated blast furnace slag”*

**ANDREAS EHRENBERG - FEHS**

*“Slags in transition – an overview on research of utilization possibilities and future EAF slag characteristics in Finland”*

**RITA KALLIO – UNIVERSITY OF OULU**

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

**YU – CHIAO LU – KTH ROYAL INSTITUTE OF TECHNOLOGY**

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*BREAK*

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**11:45**

*“Application of stainless steel slag in the manufacture of hydraulic road binders”*

**JOSÉ LUIS DÍAZ – LÓPEZ – UNIVERSITY OF CÓRDOBA**

*“Production of raw materials for the cement industry based on steel making slags from future hydrogen – based steel production routes”*

**JOACHIM SCHNEIDER – BUNDESANSTALT FÜR MATERIALFORSCHUNG UND PRÜFUNG (BAM)**

*“Cementitious investigation of slags arising from the Hisarna ironmaking process”*

**CHRISTIAAN ZEILSTRA – TATA STEEL NETHERLANDS**

**12:45**

*“Slags from next generation steel making process – suitable for established applications?”*

**DAVID ALGERMISSEN – FEHS**

*“Alkaline activation of black steel slag as an alternative binder to ordinary Portland cement: a practical approach”*

**MANUEL RETAMAL – UNIVERSITAT POLITÈCNICA DE CATALUNYA**

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*LUNCH*

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**14:30**

*“Low carbon binders and building materials from mineral carbonation of steel slags”*

**LIESBETH HORCKMANS – VITO**

*“Hydrogen application to recover iron from EAF steelmaking slags”*

**CAROLA CELADA - CENIM**

**15:15**

*“Fundamental research on the improvement technology for stainless steel – making slag by using SiC in the waste refractory material”*

**KAZEHIKO NAGATA – JFE STEEL CORPORATION**

*“Preliminary environmental and economic process optimization with multi -criteria optimization análisis of steel slags mineral carbonation as a carbon capture, utilization and storage material”*

**PONNAPAT WATJANATEPIN- KU LEUVEN**

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*BREAK*

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**16:30**

*“Outline of a washing treatment to improve EAF slag environmental behavior: an italian case study”*

**DAVIDE MOMBELLI – POLITECNICO DI MILANO**

*“Stainless steel slag: significant potential beyond mere waste”*

**MARTA CASTELLOTE – IETCC - CSIC**

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

**JOSÉ TOMÁS SAN JOSÉ – UNIVERSITY OF THE BASQUE COUNTRY (UPV/EHU)**

**17:30**

*“An innovative treatment of Molten BOF slag and its potential applications”*

**YAO – HUNG TSENG – CHINA STEEL CORPORATION**

*“Transforming steelmaking slags into a sustainable ingredient for cement production”*

**ELSAIED MOUSA – SWERIM AB**

*“Investigating the efficiency of hot stage slag cleaning technique for electric arc furnace slag”*

**SHESHANG SINGH – INDIAN INSTITUTE OF TECHNOLOGY ROPAR**

*“Tenova’s dry slag granulation process on EAF and LF slag”*

**ENZO JOSEF CHIARULLO – TENOVA METALS**

18:15

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*Closing Act*

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**October 25<sup>th</sup> 2024**

10:00

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*Technical Visits*

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