

Project partners



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Seminar

EAF Energy and Resource Efficiency

in connection with

VDEh Fachausschuss Elektrostahlbetrieb



23.04.2015 in Aachen

Upcoming seminars and workshops

Event	When	Where	Subject
Seminar 4	3-4 Jun 2015	Stockholm, Sweden	Scrap control
Seminar 5	19th Jun 2015	Düsseldorf, Germany ESTAD-METEC	Sensors technology
Seminar 6	23-25 Sep 2015	Bardolino, Italy SteelSim	Modelling-based process control
Workshop 2	11th Nov 2015	Düsseldorf, Germany	Road map for future EAF technology

Participation to all events listed is free of charge!

Project website

www.c-s-m.it/en/about_us/project_financing/european_projects/valeaf.html



Location

RWTH Aachen University
SuperC - Generali-Saal
Templergraben 57
52062 Aachen



Registration

Participation to this seminar is free of charge. To ensure that appropriate space and catering can be organised, please register via email to: seminar@iob.rwth-aachen.de

Contact

IOB - Department for Industrial Furnaces and Heat Engineering
RWTH Aachen University
Dr.-Ing. Thomas Echterhof
Kopernikusstr. 10
52074 Aachen, Germany
Tel: +49 241 80-25958
mail: echterhof@iob.rwth-aachen.de

Programme

- 9:00** Overview on RFCS research on EAF energy and resource efficiency
Übersicht zur RFCS-Forschung zur Energie- und Ressourceneffizienz bei der Elektrostahlerzeugung
- 9:15** Improvement of energy and resource efficiency during stainless steelmaking in the EAF
Steigerung der Energie- und Ressourceneffizienz bei der Erzeugung von nichtrostenden Stählen im Elektrolichtbogenofen
- 9:45** Use of biomass and biogenic carbonisates in EAF steelmaking
Einsatz von Biomasse und Biomassekarbonisaten in der Elektrostahlerzeugung
- 10:15** Coffee break / Kaffeepause
- 10:45** Increased energy and resource efficiency of EAF process by dynamic control of oxygen input
Erhöhung der Energie- und Ressourceneffizienz des Lichtbogenofen-Prozesses durch dynamische Steuerung der Sauerstoffzufuhr
- 11:15** Energy output through EAF off-gas – Modelling the EAF off-gas system
Energieaustrag über das LBO Abgas – Modellierung des LBO Abgassystems
- 11:45** Alternative materials in EAF charge to increase resource efficiency
- 12:15** Lunch / Mittagsimbiss