

INVITATION TO SEMINAR

Welcome to join Swerea MEFOS and our European research partners for an inspiring seminar regarding steel scrap treatment and control.

PART OF RI SE

Steel scrap treatment and control

3-4 JUNE 2015, KISTA

DURING THIS LUNCH TO LUNCH

seminar, research on the topic of steel scrap treatment and control will be presented. Presentations will be given by European experts including researchers from Swerea MEFOS. The seminar is intended for Swedish and European steel industry and research institutes.

VALEAF – Valorisation and dissemination of EAF technology – is a dissemination project funded by RFCS. Within the project, results obtained in previous RFCS projects on Electric Arc Furnace (EAF) technology will be valorised and disseminated. Many research projects have been carried out on EAF technology within the RFCS programme over the years, aiming at improving the process performance in terms of resource optimisation, productivity, flexibility and environmental impact. This effort contributed to the development of a number of models, technological solutions, and hardware and software tools.

The objectives of VALEAF are to promote the knowledge and various outputs derived from the European projects in this sector, and on the basis of a clear picture of the real status of European EAF technology, develop a road-map for future research on EAF technology.

Welcome!

Ida Heintz, Swerea MEFOS

LOCATION

Swerea, Isafjordsgatan 28 A, Kista

PROGRAMME

Wednesday 3 June

- 13.00–13.30 Introduction (Swerea MEFOS)
- 13.30–14.15 Scrap mix optimization models (Erik Sandberg, Swerea MEFOS)
- 14.15–15.00 Mathematical tools for determination of scrap properties and optimisation of scrap mix (Ralf Pierre, Bernd Kleimt, BFI)
- 15.00–15.15 Break
- 15.15–16.00 Density measurements (Claudio Ojeda, CRM)
- 16.00–16.45 Surface treatment and preheating of scrap (Mikael Larsson, Swerea MEFOS)

Thursday 4 June

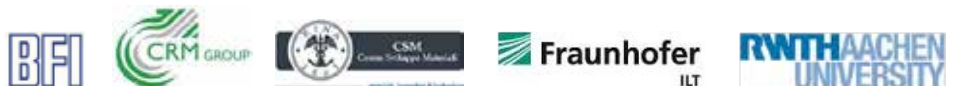
- 09.00–09.45 Bulk analysis of scrap (Philippe Russo, AMMR)
- 09.45–10.30 Laser analysis of scrap, LIBS technology (Jonas Gurell, Swerea KIMAB)
- 10.30–10.45 Break
- 10.45–11.30 Continuous charging of scrap (Johan Björkqvall, Swerea MEFOS)
- 11.30–12.00 End of meeting and summary of topic "Scrap control" (Swerea MEFOS)
- 12.00–13.30 Lunch

REGISTRATION

Registration should be made by **25 May** to Nicole Johansson, nicole.johansson@swerea.se. Participation is free of charge.

INFORMATION

Ida Heintz, +46 920 24 52 36.



swerea | MEFOS