

Optimisation of Secondary Metallurgy Practices with Focus on Clean Steel Dissemination of results from European research projects

The results of past and present European research projects on the topic: 'Optimisation of secondary metallurgy practices with a focus on clean steel', will be presented at this seminar by European experts.

The RFCS project DissTec – 'Dissemination of technologies in Secondary Metallurgy', is a continuation of the previous RFCS dissemination project VALEAF (Valorisation and dissemination of EAF technology) and focuses on disseminating the results of secondary metallurgy projects funded within the European Commission-managed ECSC and RFCS funding programs.

There have been a significant number of research projects on secondary metallurgy technology within the course of these ECSC and RFCS programs over the past 25 years that have contributed to the development of measurement systems, process models, control tools and other technological solutions. The objectives of DissTec are to review and assess this work; disseminate the research results and knowledge derived from these projects; identify the obstacles and benefits for the steel industry; and develop a road map to stimulate future research and development of secondary metallurgy technologies.

This seminar is free of charge and is intended for representatives from the European steel industry and related research institutes.

Those wishing to participate should contact:

stuart.millman@mpiuk.com

Project Coordinator

Bernd Kleimt, VDEh-Betriebsforschungsinstitut GmbH

Phone: +49 (0)211 -6707 385

Mail: bernd.kleimt@bfi.de

Web: www.bfi.de/en/projects/disstec

SEMINAR PROGRAMME

Wednesday 27th September, 2017

IOM3, 297 Euston Road, London

10.00-10.20 'Welcome and Overview of DissTec project' – Stuart Millman, *Materials Processing Institute*

10.20-10.30 '10th International Clean Steel Conference – Budapest, 18th-20th September, 2018' - Pál Tardy, *Association of the Hungarian Steel Industry (MVAE)*

10.30-11.00 'Cleanness assessment of high quality steels produced by RH treatment' - Jean-Christophe Pierret, *Centre for Research in Metallurgy (CRM)*

11.00-11.30 'Impact of inclusions formed in steelmaking operations on flow control in continuous casting and defects formation' - Filippo Cirilli, *RINA CONSULTING - Centro Sviluppo Materiali*

11.30-11.45 Coffee

11.45-12.15 'Inclusion control through secondary steelmaking and tundish', Marc Jemson, *Materials Processing Institute*

12.15-12.45 'Development of cleaner steel utilising mathematical modelling' – Reza Safavi Nick, *Swerea MEFOS*

12.45-13.30 Lunch

13.30-13.40 'The European Pilot Plant Network'- Alan Scholes, *Materials Processing Institute*

13.40-14.10 'European funded projects: a tool to support steelmaking customers in problem solving'- Filippo Cirilli, *RINA CONSULTING - Centro Sviluppo Materiali*

14.10-14.40 'RFCS impact on steel making performance over the last 20 years' – Andrew Dunsmore, *Swansea University*

