

Measurement technologies in Secondary Metallurgy Dissemination of results from European research projects

DURING THIS SEMINAR the results of past and present European research projects on the topic of measurement technologies in secondary steelmaking will be presented. Presentations will be given by European experts in this field.

The project DissTec - Valorisation and dissemination of technologies for measurement, modelling and control in secondary metallurgy, is a continuation of the previous RFCS project VALEAF (Valorisation and dissemination of EAF technology), which focuses on disseminating the results of projects funded within the ECSC and RFCS program on the subject of secondary metallurgy.

There have been significant numbers of research projects on secondary metallurgy technology within the ECSC and RFCS programme over the past 25 years. They contributed to the development of a number of measurement systems, process models, control tools and other technological solutions. The objectives of DissTec are to valorize and promote the knowledge and research results derived from the European projects, clarify the efforts, obstacles and benefits for the steel industry, and to develop a road map to promote the future research and development on secondary metallurgy technologies.

The seminar is intended for the European steel industry and related research institutes.

Welcome!

Bernd Kleimt, project leader DissTec

INFORMATION

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

Thursday 29 June

14.00-14.20 Overview on DissTec project and introduction into topic „Measurement technologies in Secondary Metallurgy“ - *Bernd Kleimt, VDEh-Betriebsforschungsinstitut GmbH (BFI)*

14.20-14.40 SecMet Measurement technologies in ECSC and RFCS research projects – an overview - *Tobias Kordel, VDEh-Betriebsforschungsinstitut GmbH (BFI)*

14.40-15.00 Measuring of liquid steel temperature in secondary metallurgy - *Torsten Lamp, Marek Cichonski, Harald Fischer, Minkon GmbH*

15.00-15.20 Online Measuring of dissolved gasses in secondary metallurgy - *Bartek Wisniewski, Matthias Hölscher, Rajko Antonic, Torsten Lamp, Minkon GmbH*

15.20-15.40 Fast analysis of slag chemistry during secondary metallurgy - *Jean-Christophe Pierret, Centre for Research in Metallurgy (CRM)*

15.40-16.00 On-line measurement of steel cleanliness using rapid inclusion characterisation techniques - *Stuart Millman, Materials Processing Institute (MPI)*

