



Seminar

Sensors and measurement techniques for monitoring and control of the EAF process

**VDEh-Betriebsforschungsinstitut
Stahl-Zentrum
Sohnstraße 65
40237 Düsseldorf
Germany**

19.06.2015

Project partners





Valorisation and dissemination
of EAF technology - VALEAF



Topic

Sensors and measurement techniques for monitoring and control of the EAF process

Project web site:

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

**Please confirm your participation in this seminar by registration to following address:
VALEAF@bfi.de**

Contact Coordinator:
Centro Sviluppo Materiali (CSM)
Dr. Michele de Santis
Via di Castel Romano, 100
00128 Roma
Tel: +39-06-5055-831
e-mail: m.desantis@c-s-m.it

Contact Germany
VDEh-Betriebsforschungsinstitut
Dr.-Ing. Bernd Kleimt
Sohnstraße 65
40237 Düsseldorf
Tel: +49-211-6707-385
e-mail: bernd.kleimt@bfi.de

Programme

- 9:00** Welcome to Stahlzentrum and BFI
- 9:15** ValEAF Project Features (de Santis, CSM)
- 9:30** Overview on ECSC / RFCS research on sensors and measurement techniques for EAF process (Köchner, BFI)
- 10:00** Laser-based analysis methods (scrap, slag, steel) (Fricke-Begemann, ILT)
- 10:30** **Coffee break**
- 11:00** Determination of scrap composition (Monfort, CRM)
- 11:30** Steel bath temperature (Lamp, Minkon)
- 12:00** Visit to BFI sensor labs
- 12:30** **Lunch break**
- 13:15** Measurement systems for optimization of the EAF process (Moreas, CRM)
- 13:45** Off-gas measurement techniques and development as support to process monitoring and management (Frittella, CSM)
- 14:15** Use of sensors for EAF online process control (Kleimt, BFI)
- 14:45** Discussion and Conclusions (BFI)
- 15:15** End of event