

7th K1-MET Scientific Exchange Day
Thursday, March 3rd 2016, Montanuniversität Leoben
Franz-Josef-Straße 18, 8700 Leoben

Location: Hörsaal (HS) Miller von Hauenfels

Montanuniversität, Erzherzog-Johann-Trakt, Erdgeschoß, Raum Nr. 07EJEG019

Main goal of the Scientific Exchange Day (SED) is to present current research activities and results within the COMET K1-MET programme. Furthermore, the SED represents an opportunity to stimulate the interactions between the scientific and the industrial partners of K1-MET. In addition to this, young master students are welcome to visit the SED to get an insight into the research work. There will be plenty of time for discussion.

09:00 - 09:30 Come together, Registration

09:30 - 09:40 Welcome and Introduction

Morning Session: Success Stories Research Areas

Chairman: em.O.Univ.-Prof. Dipl.-Ing. Dr.mont. Werner Kepplinger

(Maximum time target: 20 min. Presentation, 10 min. Discussion)

09:40 - 10:10 Research Area (RA) 1: Birgit Kain-Bückner (K1-MET GmbH)
“VisuMet - Analysis of iron carriers with image processing”

10:10 - 10:40 RA 3: Christoph Spijker (Montanuniversität Leoben)
“Combustion reaction modelling of burners for industrial kilns”

10:40 - 11:00 Break

11:00 - 11:30 RA 4: Simon Schneiderbauer (Johannes Kepler University, Linz)
“Numerical modelling of industrial steelmaking”

11:30 - 12:00 RA 2: Reinhold Schneider (University of Applied Sciences - Upper Austria, Wels)
“Variation of non-metallic inclusion by ESR”

12:00 - 13:00 Lunch

Afternoon Session: “Efficient use of metallurgical raw materials and by-products”

Chairman: Prof. Dr.Ing. Rüdiger Deike

- “Wissenswertes zum KIC EIT RawMaterials”
Alfred Maier (Montanuniversität Leoben, MUL)
- “KIC-RawMaterials: Iron Balance - Austria”: Anton Pichler (MUL)
- “Scholz Austria GmbH: - Ein Unternehmen der Recyclingwirtschaft”: Walter Martinelli (Scholz)
- “Themenschwerpunkte für wissenschaftliche Arbeiten bei voestalpine Stahl GmbH in Zusammenarbeit mit MUL und K1-MET GmbH”: Thomas Bürgler (voestalpine, K1-MET GmbH)

Closing Coffee (~ 15:00)

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