

## Programme Scientific Exchange Day Monday, March 10<sup>th</sup> 2014, 9:00, MU Leoben

Main goal of the Scientific Exchange Day is to stimulate the interaction between researchers of the research institutes and the industrial partners of K1-MET. There will be plenty of time for discussion and interaction.

**9:00-9:30** Come together, Registration

**9:30-9:40** Welcome and Introduction (Prof. Kepplinger)

### Morning Session: Success Stories Chairman: Prof. Gudenau

**9:40-10:10** Area 1 - Addition of blast furnace dust and mill scale to the sinter feed (Klaus Pilz, Siemens VAI; Birgit Bamberger-Straßmayr, FH-Wels)

**10:10-10:40** Area 2 - Change of mould slag composition during TRIP steel casting (Harald Harmuth, G. Xia; MU Leoben)

**10:40-11:10** Area 3 - Investigations of the liquid steel flow in slab casters with electromagnetic brakes and bloom casters with electromagnetic stirring (Jürgen Reiter, voestalpine Stahl Donawitz; Martin Barna, JKU)

**11:10-11:30** BREAK

**11:30-12:00** Area 4 - Characterization of iron carriers for use in reduction processes (Martina Hanel, MU-Leoben)

**12:00-12:30** Area 5 - Thermomechanical Modelling of Continuous Casting (Martin Lückl, TU Wien; Ozan Caliskanoglu, TU Graz; Gregor Arth, MU Leoben)

**12:30-13:30** Lunch

### Afternoon Session: Outlook K1-MET phase 3 (2015-2019) Chairman: Prof. Deike

**13:30-14:00** Vision and goals K1-MET phase 3 (Thomas Bürgler)

**14:00-14:30** **STEEL** – A corporate Research Topic in K1-MET

**14:30-15:00** **SLAG** – A corporate Research Topic in K1-MET

**15:00-15:30** BREAK

**15:30-16:00** **SUSTAINABILITY** – A corporate Research Topic in K1-MET

**16:00-16:30** **SIMULATION** – A corporate Research Topic in K1-MET

## Location

MU-Leoben,  
 IZW – Impulszentrum Werkstoffe Leoben, Roseggerstr. 12, 4. Stock  
 8700 Leoben, Austria

[Anfahrtsplan](#) (Google Maps)

