

## **Session Program**

**12-13 Mar 2026**

# **3rd International Workshop Surface quality of continuously cast products – IWSQ-3**

## **SURFACE QUALITY PREDICTION IN CC AT THE CROSSROADS: FROM PHENOMENOLOGICAL MODELS TO DATA DRIVEN MODELS AND HYBRID APPROACHES**

Hotel Weitzer Graz  
Grieskai 12/14, 8020 Graz

## Friday 13 March

13:00

### **SURFACE QUALITY PREDICTION IN CC AT THE CROSSROADS: FROM PHENOMENOLOGICAL MODELS TO DATA DRIVEN MODELS AND HYBRID APPROACHES**

**Session | Location:** Hotel Weitzer Graz, Grieskai 12/14, 8020 Graz | **Convener:** Christian Bernhard

13:00-13:25

#### **AI powered surface inspection for billets - next generation quality control**

**Speaker**

Gerald Klösch

13:25-13:50

#### **Utilization of Artificial Neural Networks for Prediction of the Slab Surface Crack Formation**

**Speaker**

Sung-Suk Jung

13:50-14:15

#### **Phenomenological prediction of surface defects: Fundamentals, tools, and results from slab casting**

**Speaker**

Julius Norrena

14:15-14:40

#### **AI-Enhanced Mold Monitoring**

**Speaker**

Oliver Lang

14:40-15:05

#### **Process Chain Sensitivities in Green Steel Production: Tramp Element Impacts on Casting, Reheating and Descaling**

**Speaker**

Georg Gaiser

15:05