

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