



Webinar

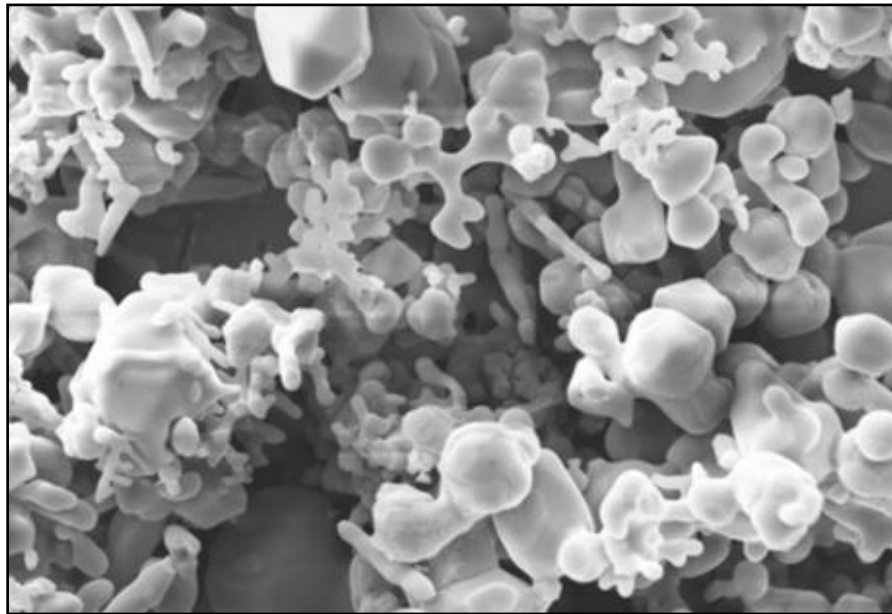
Optimisation of steelmaking rules
for Ti-stabilised ULC steels with
regard to clogging prevention

TiClogg

Contract no. RFSR-CT-2014-00009

1st March 2018

10⁰⁰ – 12³⁰ CET



REM micrograph of clogging material

Project partners



VDEh-Betriebsforschungsinstitut
GmbH





TiClogg

Ti-stabilised steels ULC steels are important due to their positive properties, but they are also problematic with regard to clogging occurrence. The research project was aimed at achieving a better understanding and exploitation of the enhanced knowledge leading to reduction/prevention of clogging.

Different methods were applied: laboratory and plant trials, numerical computations and clogging simulator trials. The outcome of this research will be summarised and presented in this webinar. For each topic a 20 minutes presentation and a subsequent discussion of 10 minutes length are scheduled.

Detailed information regarding the technical requirements for the webinar will be communicated after registration.

Please confirm your participation in this workshop by email registration:

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The organisers of the webinar will declare guidelines on adherence to competition-law regulation and will take care of their compliance.

Programme

- 10:00 Introduction: Clogging in Ti-stabilised ULC steels**
Christian Bernhard (Montan-Univ. Leoben)
- 10:30 Numerical modelling of the phenomena related to clogging**
Menghuai Wu (Montan-Univ. Leoben)
- 11:00 Clogging Simulator trials: influence of steel chemistry, de-oxidation practises , casting parameters on clogging rate**
Sven Ekerot (CdC Comdicast AB)
- 11:30 Laboratory trials: Evolution and wettability of inclusions in Ti-ULC steels**
Philipp Dorrer (Montan-Univ. Leoben)
- 12:00 Industrial applicability**
Roman Rössler (Voestalpine Stahl)
Markus Schäperkötter (Salzgitter Flachstahl)
- 12:30 End of the webinar**