

Session Program

26-29 Jun 2017



EUROPEAN STEEL TECHNOLOGY AND APPLICATION DAYS 2017 - ESTAD 2017

Rolling

Tuesday 27 June

08:30

Rolling

Session | **Location:** Room K1

08:30–08:50

Challenges in the steel industry and consequences for rolling plant technologies

Speaker

Mr Bruno Buchmayr

08:50–09:10

Opportunities of experimental and numerical simulation of steel rolling technologies at the Institute of Metal Forming of TU Bergakademie Freiberg

Speaker

Mr Matthias Schmidtchen

09:10–09:30

Numerical modelling and simulation of the rolling of large diameter bars

Speaker

Mr Damien CHEVALIER

09:30–09:50

Advanced roll-gap lubrication solutions in hot and cold rolling

Speaker

Mr Martin Bergmann

09:50–10:10

Investigation of through-thickness texture of a 1.24% Si electrical steel

Speaker

Mr Pei-Ling Sun

10:10

10:40

Rolling

Session | **Location:** Room K1

10:40–11:00

Developing heat treat equipment for 3rd generation AHSS

Speaker

Mr Peter Seemann

11:00–11:20

Digital reheating technology - New developments and benefits

Speaker

Mr Hounliasso Dieudonne

11:20–11:40

Process model development for reheating plants using simple numerical methods enhanced with CFD results

Speaker

Mr Christian Schubert

11:40–12:00

Advanced HSS grades - Key material for rolling of steel with high efficiency

12:20

Speaker

Mr Christian Zybill

12:00–12:20

Measurements of contact, friction and heat transfer during rolling**Speaker**

Mrs Annika Nilsson

14:00

Rolling**Session** | **Location:** Room K1

14:00–14:20

Hot forming of a low-carbon steel AISI 1005 for fashion accessories**Speaker**

Mrs Greta Piccolo

14:20–14:40

Muffle tubes: choose the right material for longer service life**Speaker**

Mr Eduardo Perea

14:40–15:00

A training framework for i.Process/Steel-RHF APC system**Speaker**

Dr Crescenzo Pepe

15:00–15:20

Improving reliability for steel mill furnace rolls**Speaker**

Mr Jeremy Rydberg

15:20–15:40

Topographic surface inspection system for slabs**Speaker**

Mr Christian Mittag

15:40

16:10

Rolling**Session** | **Location:** Room K1

16:10–16:30

i Box pickling tanks for production improvement of advanced high strength steel upgraded from deep bath tank**Speaker**

Mr Takafumi Nakaya

16:30–16:50

Development of new mash seam welder (Cross Seam Welder, CSW) for carbon steel pickling line**Speakers**

Mr Motoaki Sakumoto, Mr Soichiro Uehara, Mr Takafumi Nakaya

16:50–17:10

Economic impact maximization and throughput increase by decentral self-optimization of a pickling line**Speaker**

Mr Marcus J. Neuer

17:10