



INTERNATIONAL WROUGHT COPPER COUNCIL

**TECHNICAL SEMINAR: USA
4&5 MARCH 2025
PAPERS LIST**

Session 1: Introduction

- 1) Copper industry in the USA – latest developments (IWCC)**
Speaker: Adam Estelle, Copper Development Association, USA

Session 2: Slitting

- 2) Modern considerations for processing flat rolled copper**
Speakers: David Dum & Brian Shaw, Andritz USA
- 3) Control of brake force / interlap pressures (title TBC)**
Speaker: Leander Zielenbach, Danieli Fröhling
- 4) A NFTS - The FIMI braking system philosophy**
Speaker: Sergio Sacchi, FIMI Machinery Italy
- 5) Automation of a modern slitting line**
Speaker: Peter Swenson, Fagor Arrasate
- 6) Slitting and shape improvement of strip**
Speaker: BURGHARDT + SCHMIDT

Session 3: Automation in Downstream Processes

- 7) Automation of internal logistics (Title TBC)**
Speaker: Benjamin Bielefeld, HÖRMANN Rawema
- 8) Automation of logistics systems (Title TBC)**
Speaker: Trumpf
- 9) Automation of coil transportation (Title TBC)**
Speaker: Markus Schneider, AMOVA SMS

Session 4: Measuring and Inspection

- 10) Stress corrosion cracking (SCC) test method of Cu-Zn alloys for quantitative evaluation**
Speaker: Yasuharu Yoshimura, YKK
- 11) Non-contact measurement of strip thickness and coil length unwound, coil diameter, coil edge in special applications**
Speaker: Micro Epsilon
- 12) Ultra high precision hybrid width measurement in slitting lines**
Speaker: Patrick Telders, Imess GmbH
- 13) Cutting-Edge Multiple View Optical Inspection meets Artificial Intelligence**
Speaker: Mark Cornell, Schenk Vision USA
- 14) Inline Inspection System and use of AI (Title TBC)**
Speaker: John Palazzolo, AMETEK
- 15) Online measuring, monitoring and control systems for wires and profiles (Title TBC)**
Speaker: Zumbach US
- 16) Thickness measurement: X-Ray (Title TBC)**
Speaker: IMS Messsysteme GmbH
- 17) Strip Thickness Measurement in Cold Rolling Mills: Chances and limits of different measurement technologies**
Speaker: Elker Roller, Vollmer
- 18) Optical Inline Inspection: Surface Inspection Long Products, Inline Roughness Measurement of Coils, Fluorescence based measurement of cleanliness**
Speakers: Daniel Carl and Tobias Schmid-Schirling, Fraunhofer-Institut für Physikalische Messtechnik IPM

Session 5: Thermo Treatments

19) High-temperature annealing: latest developments including decarbonisation and energy efficiency (Title TBC)

Speaker: Otto Junker GmbH

20) Continuous induction annealing line for ACR Tubes

Speaker: Inductoheat

21) Flat Rolled Copper-Based Alloy Manufacturing – Improving efficiency and sustainability through optimizing the batch annealing production unit

Speaker: Michael McDonald, Rad-Con Inc

22) Thermal recycling & energy reuse

Speaker: Ebner

Session 6: Surface Treatments

23) Mitsubishi Materials' high-performance plating line

Speaker: Shinichi Funaki, MMC

24) Coating – Tinning lines - Hot-dip tinning (Title TBC)

Speaker: Otto Junker

23 October 2024