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109th Meeting
October 15-18, 2017

Detroit-Marriott-Troy
200 W. Big Beaver Road
Troy Michigan • USA

Governing Board

Governing Board Chairman, Michael Conlon—I/N Kote
Program Chairman, Gabriel Cervellini - Ternium Siderar
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Steve Slesinski - Nucor Steel - Berkeley
Donald Earley - AM/NS CALVERT
Erwin Lakia - Worthington Steel - Delta
Matthew McCosby - United States Steel
Tom Minor - Spartan Coating

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Brian Lester - Gregory Industries, Inc.
Richard Nester - Wheeling-Nisshin, Inc.
Rene Garza - Ternium - Mexico
Julie Matics - The Techs
Jeff Stechschulte - Pro-Tec Coating Company
Sam Moore - Double G Coatings Company, L.P.
Ed Silva - United States Steel
Paul Janavicius - AK Steel Corporation
John Wray - California Steel Industries, Inc
Wayne Bontempo - NLMK - Pennsylvania
Dennis Pishney - The Techs
David Brandau - AK Steel - Dearborn
Joyce Niedringhaus - AK Steel Corporation

Christopher Nevison - Executive Director
Kayliegh McEachren - Secretary / Treasurer



Host Company:

U.S. Steel - Great Lakes Works

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Praxair Surface Technologies, Inc
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Bronze

J.K. Manufacturing Co.
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Patron

Quaker Chemical Corporation
Vail Rubber Works, Inc.

ATTIRE

Business Casual is the suggested attire for the entire convention **except** Monday night dinner; gentlemen are requested to wear a suit or dress slacks and sport coat with a tie, ladies are requested to wear appropriate evening wear.

Hosted By

United States Steel - Great Lakes Works



Galvanizers Association

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Advancing the quality of galvanized products



Sunday, October 15

4:00 PM Board Meeting Niles 1 & 2
5:00 PM Registration Mediterranean Foyer
5:30 PM Reception Mediterranean Ballroom
Sponsor: **Ajax Tocco Magnethermic**

Monday, October 16

6:30 AM-9:00 AM
Complimentary Breakfast Mediterranean Ballroom
Requires Voucher
Sponsor: **Teck Metals Ltd.**

7:00 AM Registration Grand Ballroom Foyer
7:30 AM Operations Workshop Dennison Jr. Ballroom
(Only active member company representatives)

Session Chairmen
Jeff Stechschulte • PRO-TEC Coating Company
Brian Lester • Gregory Industries

9:45-10:10 AM Coffee Break Dennison Jr. Foyer
Sponsor: **Teck Metals Ltd.**

12:00 PM Reception Grand Ballroom Foyer
12:30 PM Lunch Grand Ballroom ABCD
Sponsor: **Inductotherm Corp.**

1:45 PM General Session I Grand Ballroom EFGH
(All registered attendees)

Session Chairman
Don Earley • AM/NS CALVERT

1:45 PM “CAL/CGL quality intelligence package for a comprehensive approach” Grenier Benjamin, Maillard Sébastien, Bonhomme Laurie, Georges Stéphane, Fontaine Yvon, Jalard Benoit, Kai Yoichi
Primetals Technologies France SAS,

2:10 PM “Properties of a novel air knife design – part II” J.R. McDermid, D.A. Finnerty, S. Ziada, *McMaster Univ.* and F. E. Goodwin, *International Zinc Association*

2:35 PM “In-house pot roll cleaning to reduce grinding and coating cost” Wayne Bontempo NLMK

3:00-3:25 PM Coffee Break Grand Ballroom Foyer
Sponsor: **Quaker Chemical Corporation**

3:25 PM “Effects of strip temperature and Mn content on galvanizing bath management” K. R. Yu, F. Ilinca, *National Research Council of Canada* and F. E. Goodwin, *International Zinc Association*

3:50 PM “Integrated strip stabilization system FOEN DEMCOJET®” Pascal Fontaine, *FOEN GmbH,* Thomas Daube, Caesar Sasse *SMS group*

4:15 PM “Effect of galvanized coating on resistance spot welding of sheet steels”
Rene Garza, *Ternium Mexico S.A. de C.V.*
Yingzhe Du and Cindy Jiang, *AET Intergration, Inc.*

4:40 PM “Inductive strip heating”
Jean Lovens, Philippe Weber,
Inductotherm Coating Equipment
Marc Anderhuber,
ArcelorMittal Maizières

6:00 PM Reception Peninsula Grand Ballroom Foyer
7:00 PM Dinner Peninsula Grand Ballroom
Sponsor: **DUMA-BANDZINK GmbH**

Tuesday, October 17

6:30 AM-9:00 AM
Complimentary Breakfast Mediterranean Ballroom
Requires Voucher
Sponsor: **Praxair Surface Technologies, Inc.**

8:00 AM Registration Grand Ballroom Foyer
8:20 AM Business Meeting Grand Ballroom

Michael Conlon • I/N Kote
Christopher Nevison • Galvanizers Association

8:30 AM General Session II Grand Ballroom EFGH

Session Chairman
Mark Chrislip • Double G Coatings Company, L.P.

8:30 AM “High performance sink roll WC-Co sleeve - Case study”
Andrew Grasley, *I/N Kote Tocalo*

8:55 AM “Energy reduction in drying and after pot cooling”
Michel Dubois and Robin Wey, *CMI Industry*

9:20 AM “Combustion Advancements in direct fired galvanizing preheat sections”
Scott Brown,
Bloom Engineering

9:45-10:10 AM Coffee Break Grand Ballroom Foyer
Sponsor: **Praxair Surface Technologies, Inc.**

10:10 AM “Improved materials and design of pot roll bearings” Jeremy Rydberg *Atlas Machine & Supply, Inc.*

10:35 AM “Minimizing fire risks in a continuous galvanizing line with a prepainting line in line”
Roberto Garza, Alejandro Aranda, Carlos Hurtado, Javier Gonzalez, Line Operators, *Ternium México S.A. de C.V.*

11:00 AM “High performance ceramic bearings - Four Case Studies”
Mark Hall, *McDanel Advanced Ceramic Technologies*

11:25 AM Plant Tour Briefing Kevin Siebeneck
U.S. Steel - Great Lakes Works

11:45 AM Awards Luncheon Grand Ballroom ABCD
Sponsor: **CMI Industry Americas Inc.**

12:50 PM Busses leave hotel for plant tour of:
U.S. Steel - Great Lakes Works
Ecorse, Michigan

5:30 PM Busses leave hotel for reception and dinner at:
Blake’s Orchard and Hard Cider Co.
Sponsors: **Fontaine Engineering, Inc.**
Fontaine Engineering und Maschinen GmbH

Wednesday, October 18

6:30 AM-9:00 AM
Complimentary Breakfast Mediterranean Ballroom
Requires Voucher
Sponsor: **J.K. Manufacturing Co.**

8:30 AM General Session III Grand Ballroom EFGH

Session Chairman
Tom Minor • Spartan Coating

8:30 AM “Galvanizing at Unicoil: expanding horizons through in-house developments”
Sanjay Roychoudhury, *Unicoil*

8:55 AM “A 10-year digital program to develop a wide range of high added value automotive steels”
Jean-Paul Nauzin, Kristiaan Van Teutem, *Fives St Corp*

9:20 AM “Optimizing your tension leveler”
Dave Withrow, *Withrow Industries, Inc.*

9:45-10:10 AM Coffee Break Grand Ballroom Foyer
Sponsor: **Vail Rubber Works, Inc.**

10:10 AM “Quality assurance by reliable automated surface inspection” Gregory Gutmann, Steffen Burkhardt,
ISRA VISION Parsytec

10:35 AM “Discrete or continuous two paths for pickling and galvanizing” Paul Debski, *Drever International USA*

11:00 AM “Online oil layer determination by infrared and UV fluorescence spectroscopy”
Patrick Jobst, *EMG USA Inc.*
Timo Gemmer, *EMG Automation*

11:25 AM Summation Gabriel Cervellini
Ternium Siderar

11:45 AM Farewell Lunch Grand Ballroom ABCD
Sponsor: **EMG-USA**

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