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As of 8/25/2010

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Galvanizers
Association
102nd Meeting
October 24-27, 2010

Embassy Suites Hotel
&
Von Braun Center
Huntsville, Alabama • USA

Hosted by

Nucor Steel - Decatur, L.L.C.
Trinity Alabama



Galvanizers Association
Mailing Address: POB 455 Algonac, MI 48001 USA
Physical Address: 6347 King Road Marine City, MI 48039 USA
Phone: 1-810-765-4747 • Fax: 1-810-765-4646
Web Site: www.galvanizersassociation.com
Email: info@galvanizersassociation.com

Advancing the quality of galvanized products



Sunday, October 24

Embassy Suites Hotel

3:00 PM Board Meeting Redstone Boardroom
4:30 PM Registration Ballroom Pre-function Foyer
5:30 PM Reception Big Spring Ballroom

Monday Morning, October 25

*6:00-9:00 AM Complimentary Breakfast Embassy Suites
Hotel Atrium*

7:00 AM Registration Ballroom Pre-function Foyer
7:30-12:PM Operations Workshop Big Spring Ballroom
(Only active member company representatives)

Session Chairmen

Jim Ridge • ArcelorMittal - Dofasco
Jeff Stechschulte • Pro-Tec Coating Company

Monday Afternoon, October 25

Von Braun Center - South Hall

12:00 PM Reception Ballroom Pre-function Foyer
12:30 PM Lunch Ballrooms 4 & 5
1:45 PM General Session Ballrooms 2 & 3

Session Chairman

Don Early • ThyssenKrupp Steel, USA

1:45 PM "Training for Hazard Recognition and Situational Awareness at ArcelorMittal - Dofasco's Galvanizing Lines"
Jim Ridge, ArcelorMittal - Dofasco

2:10 PM "Researching the Design Considerations of Radiant Tube and Burner Systems for Improved Life and Utility"
Bill Lucas, EBNER Furnaces, Inc.
D. Brandstätter, E. Morbitzer, Ebner Industriefenbau GmbH

2:35 PM "Chemical Passivation of Zinc Coatings: An Ever-expanding Role in the 'Green' World of Tomorrow"
James Davis, Thomas Werner, Quaker Chemical Co.
Dick VanderNet, AD International BV

3:00-3:30 PM Coffee Break Ballroom Pre-function Foyer

3:30 PM "The Development of Processing Windows for the Continuous Galvanizing of Martensitic Steels"
J. McDermid, A. Chakraborty, R.Kavitha, McMaster University
E. Essadiqi, B.Voyzelle, CANMET
Frank Goodwin, IZA

3:55 PM "Cost Effective, Eco-Friendly and High-Quality Strip Galvanizing Lines"
Caesar Sasse, Hans-Georg Hartung, Holger Behrens SMS Siemag AG

4:20 PM "Coating Control Strategies Under Adverse Conditions"
George Voss, Gareth Parfitt, Steve Pisanelli, Glen Wallace, Hatch Associates Pty/Ltd.

4:45 PM "Analysis and Modeling of the Electrical Consumption of an Updated CGL"
Michel Dubois, CMI Metallurgy

6:00 PM South Hall

Exhibition • Reception • Dinner

Tuesday, October 26

*6:00-9:00 AM Complimentary Breakfast Embassy Suites
Hotel Atrium*

Von Braun Center - South Hall

7:30 AM Registration Ballroom Pre-function Foyer
8:00 AM Business Meeting Ballrooms 2 & 3

Al Smith • Nucor Steel Berkeley
Dale Nevison • Galvanizers Association

8:15 AM General Session Ballrooms 2 & 3

Session Chairman

David Brandau • SeverStal International

8:15 AM "Tightness Test of a Horizontal Galvanizing Furnace"
G. Cervellini, G. Mircovich, J. Solanes, Ternium Siderar S.A.I.C.

8:40 AM "Optimizing the Galvanizing Process - Electromagnetic Strip Stabilization and Complementary Solutions: eMASS eWIPE, eBACS"
Steve Devorich, EMG-USA Inc.
Anno Jordan, EMG Automation GmbH

9:05 AM "CGL No.4 at Voestalpine Stahl Linz - New Features and Developments from the Point of View of the Plant-builder and the Producer"
A. Kapellner, J. Ziemendorff, M. Dicke, Andritz AG
W Fischer, M. Kaiser, P. Kerschbaummayr, Voestalpine Stahl Linz

9:50-10:20 AM Coffee Break Ballroom Pre-function Foyer

10:20 AM "Implementation of the HDGL Furnace at Nucor Steel - Decatur"
Nick Lagios, Fred Werner, Drever International
Kurt Huelsman, Nucor Steel - Decatur LLC

10:45 AM "Novel Mildly Alkaline Non-Chrome Thin Organic Coating"
Thomas Smith II, Brian Bammel, Gregory Donaldson, John McGee, Henkel Corporation

11:10 AM "Insect Control at ArcelorMittal - Dofasco's DSG Automotive Exposed Galvanizing Line"
Kevin Wig, ArcelorMittal - Dofasco

11:35 AM Plant Tour Briefing Kurt Huelsman, Nucor Steel - Decatur LLC

11:45 PM Reception Ballroom Pre-function Foyer
12:15 PM Awards Lunch Ballrooms 4 & 5
1:45 PM Plant Tour

Nucor Steel - Decatur, LLC.

6:00PM

Reception and Dinner

Wednesday, October 27

*6:00-9:00 AM Complimentary Breakfast Embassy Suites
Hotel Atrium*

Von Braun Center - South Hall

8:30 AM General Session Ballrooms 2 & 3

Session Chairman
Dennis Pishney • The Techs

8:30 AM "Precise determination of Aluminum Content in a Zinc Matrix" Dave Gillum., Steve Peterangelo, AK Steel

8:55 AM "Concepts, Breakthroughs and Results in Furnace New Generation Mathematical Models"
Jean-Alain Brochard, CMI Thermline EFCO

9:20 AM "Saving of Zinc and Improvement of Strip Surface Depending on Air Knife Design and Bearings"
Ronald Jabs, DUMA Maschinen-und Anlagenbau GmbH

9:45 AM "Preliminary Computational Studies on Sink Roll Dross Buildup"
Daniel Y. H. Liu, Thomas A. E. Cormode, Nai-Yong Tang Teck Metals Ltd.
Vajiheh Akbarzadeh, Andrew Hrymak, McMaster University
Frank Goodwin, IZA

10:10-10:40 AM Coffee Break Ballroom Pre-function Foyer

10:40 AM "10 Years of Industrial Applications of Flash Cooling® Technology for the Production of AHSS Grades"
Didier Delaunay, Fives Stein

11:05 AM "Development of Online Cleaning Section Performance Measurement System"
Eric Almquist, Star Tool and Die Works

11:30 AM "Summary" Paul Janavicius, AK Steel

Embassy Suites Hotel

11:45 AM Lunch Big Spring Ballroom



Board of Directors

Governing Board Chairman Alan Smith - Nucor Steel - Berkeley,
Program Chairman Paul Janavicius - AK Steel Corporation
John Wray - California Steel Industries, Inc.
Jeff Stechschulte - Pro-Tec Coating Company
Wayne Bontempo - ArcelorMittal - Columbus
Donald Earley - ThyssenKrupp Steel USA, LLC
Dennis Pishney - The Techs
David Brandau - SeverStal - International

Executive Committee

Brian Lester - Gregory Industries, Inc.
Julie Kerbaugh - The Techs
Ed Silva - US Steel Corporation
Jim Ridge - ArcelorMittal - Dofasco Inc.
Sam Moore - Double G Coatings Company, L.P.

Executive Director Dale Nevison
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