



Heat Processing Equipment

## Heat Treat Summit North America

*New Trends & Best Practice*

September 14-16, 2015

Sheraton Erie Bayfront, 55 West Bay Road, Erie, PA 16507

### Monday, September 14

Noon – 6:00 pm Optional Golf Outing, Peek'n Peak (Shuttle Service provided)

2:00 – 3:30 pm Optional Tour of GE Transportation, Erie (Shuttle Service provided)

7:00-10:00 pm Registration and Hospitality, Monday Night Football, wear your favorite team jersey (2nd Floor, Sheraton)

### Tuesday, September 15

7:00 - 8:00 am Breakfast, Harlequin Lobby

General Session			Harlequin Ballroom	
8:00-8:15 am	Welcome	Jonathan Markley, <i>Managing Director, SECO/WARWICK</i>		
8:15-9:00 am	Nanomaterials by Design	Dr. Richard D. Sisson, Jr. <i>WPI Center for Heat Treating Excellence (CHTE)</i>		
9:00-9:45 am	Heat Treat Market Outlook	Dan Herring, <i>The Heat Treat Doctor®</i>		
9:45-10:00 am	Coffee Break and Networking		Harlequin Lobby	
Process Tracks	Aluminum Breakout 1	Thermal - Atmosphere Breakout 2	Vacuum Breakout 3	CAB Breakout 4
10:00-10:45 am	Coil/Foil Annealing <i>Keith Boeckenhauer, SECO/WARWICK</i>	Application & Selection <i>Eric Schreiber, SECO/WARWICK</i>	Characteristics of Vacuum Furnaces <i>Tom Hart, SECO/WARWICK</i>	The Cab Process <i>Dr. Doug Hawksworth, Diomedia</i>
10:45-11:30 am	Log/Ingot Homogenizing <i>Dan Alabran, SECO/WARWICK</i>	Surface Hardening <i>Mark Hemsath &amp; Gary Armour, SECO/WARWICK</i>	LPC and PreNit® High Speed Carburizing Option <i>Tom Lord, SECO/WARWICK</i>	CAB Brazing Systems <i>Mike Jacobs, SECO/WARWICK</i>



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11:45 am – 1:00 pm Lunch, Harlequin Ballroom, Steve Kowalski, *President, Kowalski Heat Treating & ASM Heat Treat Society President*

Process Tracks	Aluminum Breakout 1	Thermal - Atmosphere Breakout 2	Vacuum Breakout 3	CAB Breakout 4
1:00-1:45 pm	Aluminum Solution Heat Treating <i>Jack Mahoney, SECO/WARWICK</i>	Sensor Technology <i>Bob Finken, Super Systems Inc.</i>	In-line, High-volume, Low-distortion, Precision Case Hardening for the Automotive, Transmission and Bearing Industry – <i>Maciej Korecki, PhD., VP, SECO/WARWICK</i>	Paint Fluxes and Braze Pastes – State of the Art and Trends <i>Daniel Lauzon, Solvay Flourides</i>
1:45 – 2:30 pm	Melting & Holding <i>Dan Peterson, SECO/WARWICK</i>	Quenching & Quenchants, <i>Dr. Scott MacKenzie, Houghton International</i>	Advances in Heat Treatment Using Isostatic Graphite, Carbon Fiber and Ceramic Fiber <i>Christopher Wrenn &amp; Jamie Kuriger, Toyo Tanso, USA</i>	Improving quality with Vacuum Purge <i>Piotr Skarbinski, VP, SECO/WARWICK</i>
2:30 – 2:45 pm	Coffee Break and Networking, Harlequin Lobby			
<b>General Session</b>				<b>Harlequin Ballroom</b>
2:45 – 3:30 pm	Connected Enterprise and Actionable Furnace Process Data, <i>Sam Malizia, Rockwell</i>			
3:30 – 4:15 pm	Controls to meet quality standards, ASM2750, NADCAP, CQI9 <i>Peter Sherwin, Schneider Electric</i>			

6:00-6:45 pm Cocktails and Dinner, Sheraton Patio

8:00-9:00 Bay Cruise on the Victorian Princess



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### Wednesday, September 16

8:00-9:00 am Breakfast, Harlequin Lobby

9:00-9:15 am	Welcome back	Doug Glenn, Director of Sales & Marketing, SECO/WARWICK		Harlequin Ballroom
<b>Process Tracks</b>	<b>Aluminum Breakout 1</b>	<b>Thermal Group Breakout 2</b>	<b>Vacuum Breakout 3</b>	<b>CAB Breakout 4</b>
9:15-10:00 am	Airflow and Fans <i>Marion Zur, SECO/WARWICK</i>	Maintenance Tips <i>Eric Schreiber, SECO/WARWICK</i>	New trends for Vacuum Pumps, Dan Mrotek, Oerlikon Leybold Vacuum USA	Core Room Technologies <i>Mike Bongiovanni, Innovative Automation</i>
10:00-10:45 am	Aluminum maintenance issues-Keeping it Running <i>Panel Discussion</i>	Alloys for High Temperatures <i>Marc Glasser, Rolled Alloys</i>	When an All-Metal Hot Zone is the Right Choice <i>Ray O' Neill, Plansee</i>	Improving Muffle Service Life & CAB Maintenance <i>Panel Discussion</i>
10:45-11:00 am	Coffee Break & Networking, Harlequin Lobby			
<b>General Session</b>				<b>Harlequin Ballroom</b>
11:00-11:45 am	How to control costs with Bulk Atmospheres, <i>Jim Wylie, Praxair</i>			

11:45-12:00 pm Hotel Checkout

12:00 – 1:30 pm Grab and Go Lunch, Harlequin Ballroom

2:00-3:30 pm Optional Shop Tour, Combustion Demonstration, *Don Marteeny, SECO/WARWICK Facility, 180 Mercer St., Meadville, PA 16335*