



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)

7:00-10:00 pm Registration and Hospitality, Monday Night Football, wear your favorite team jersey

Tuesday, September 15

7:00 - 8:00 am Breakfast

Harlequin AB Lobby

General Session				Harlequin
8:00-8:15 am	Welcome	Jonathan Markley		
8:15-9:00 am	Nanomaterials by Design- Research at CHTE	Dr. Richard D. Sisson, Jr., WPI Center for Heat Treating Excellence (CHTE)		
9:15-10:00 am	Heat Treat Market Outlook	Dan Herring , The Heat Treat Doctor®		
10:00-10:15 am	Coffee Break and Networking			
Processes	Aluminum Breakout 1	Thermal Group Breakout 2	Vacuum Breakout 3	CAB Breakout 4
10:15-11:00 am	Coil/Foil Annealing <i>Vortex™ The Fastest Method</i>	Application and Selection of Furnaces <i>Schreiber</i>	FineCarb® LPC SimVac® Simulator <i>Lord</i>	The Cab Process <i>Dr. Hawksworth</i>
11:00-11:45 am	Log/Ingot Homogenizing <i>Selecting the right method for you application</i>	Surface Hardening <i>Hemsath</i>	PreNit® High Speed Carburizing <i>Lister</i>	CAB Brazing Systems <i>Jacobs</i>

12:00 – 1:00 pm Lunch

SECO/WARWICK Corporation

180 Mercer Street, PO Box 908, Meadville, PA 16335-6908 USA
tel. +1 814 332 8400 | fax +1 814 724 1407

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Processes	Aluminum Breakout 1	Thermal Group Breakout 2	Vacuum Breakout 3	CAB Breakout 4
1:00-1:45 pm	Aluminum Solution Heat Treating <i>The Right Solution</i>	Sensor Technology, <i>SSI</i>	Characteristics of Vacuum Furnaces	Nokolok® Brazing <i>Solvay Fluorides, LLC</i>
1:45 – 2:30 pm	Melting & Holding <i>From solids to liquid</i>	Quenching & Quenchants, <i>Houghton</i>	Extending the life of graphite hot zones	Improving quality with vacuum purge <i>Skarbinski</i>
2:30 – 2:45 pm	Coffee Break and Networking			
General Session				Harlequin
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>			

Tuesday, September 15

6:00-6:30 Cocktails
6:30-7:45 Dinner – Steve Kowalski, ASM Heat Treat Society President
8:00-9:00 Bay Cruise on the Victorian Princess

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8:00-9:00 am Breakfast

Wednesday, September 16

9:00-9:15 am	Welcome back	Jonathan Markley		Harlequin
	Aluminum Breakout 1	Thermal Group Breakout 2	Vacuum Breakout 3	CAB Breakout 4
9:15-10:00 am	Airflow and Fans <i>The critical parts</i>	Maintenance Tips <i>Schreiber</i>	New trends for Vacuum Pumps <i>Oerlikon Leybold Vacuum USA</i>	Core Room Technologies <i>Innovative Automation</i>
10:15-11:00 am	Aluminum maintenance issues- <i>Keeping it Running Panel Discussion</i>	Alloys for High Temperatures <i>Rolled Alloys</i>	When an All-Metal Hot Zone is the Right Choice <i>Plansee</i>	Improving Muffle Service Life & CAB Maintenance <i>Panel Discussion</i>
11:00-11:15 am	Coffee Break & Networking			
General Session				Harlequin
11:15-11:45 am	How to control costs with Bulk Atmospheres <i>Praxair</i>			

12:00 pm Hotel Checkout

12:00 – 1:30 pm Grab and Go Lunch

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

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