

METALCASTING TECHNOLOGY THEATRE - (On the Expo Floor)

Saturday, March 20, 2010

9:30 AM

SSS/Squeeze Casting; *North American Die Casters Association, Wheeling, IL*

Find out about the exciting possibilities with Semi-Solid metal casting and Squeeze casting processes. Improvements include reduced porosity, faster cycle times, and high mechanical properties.

12:00 PM

Economic Forum; *Redmond Clark, CBL Industrial Services, Cary, IL; Raymond Monroe, Steel Founders Society of America, Crystal Lake, IL; Al Spada, American Foundry Society, Schaumburg, IL; Dan Twarog, North American Die Casters Association, Wheeling, IL*

Is the recession over for the Metalcasting Industry? Which sectors of the economy will first see resurgence? Is the industry prepared for resurgence in business? Where do we stand with Cap and Trade legislation and what impact will it have on our industry? Hear the views on these crucial topics plus ask the panel your most pressing questions regarding the economy.

2:00 PM

Energy Matters: The effect of energy cost on profitability; *Robert Eppich, Eppich Technologies, Syracuse, IN*

This session will discuss the cost of energy today, the impact of legislation and utility market fluctuations of future costs and ways to reduce energy costs and consumption in the foundry.

3:30 PM

Gating/PQ2/CastView; *North American Die Casters Association, Wheeling, IL*

Learn about fast, powerful, and cost effective computer programs that are available. These tools are designed to reduce part and die design lead times while improving casting quality.

Sunday, March 21, 2010

9:30 AM

High Thermal Conductivity Die Materials; *North American Die Casters Association, Wheeling, IL*

Do not miss out on learning the exciting improvements achieved through higher thermal conductivity die materials. These materials can be utilized to produce higher mechanical properties while reducing cycle times.

11:00 AM

How to Deal with Difficult Employees; *Joey Leonard, ThyssenKrupp Waupaca, Waupaca, WI; Carol Senour, Bremen Castings Inc., Bremen, IN; David Shouse, Lodge Manufacturing Co., South Pittsburg, TN*

As manager's, we have all had a difficult employee that is disruptive to our efforts to manage a department; this panel will show you how to deal with that difficult employee. After all, it is your job as the manager to deal with them appropriately. Ignoring this employee will only cause the situation to worsen; you need to confront the behavior. Difficult employees or high maintenance employees act in a way that has worked for them in the past or because they do not know any better. How you handle their behavior will be crucial in turning them into a productive member of the team.

1:00 PM

Gating/PQ2/CastView; *North American Die Casters Association, Wheeling, IL*

Learn about fast, powerful, and cost effective computer programs that are available. These tools are designed to reduce part and die design lead times while improving casting quality.

3:30 PM

Sand Casting: EcoMission & Low Emission Binders for Core & Mold Applications; *Doug Trinowski, HA International LLC, Westmont, IL*

HA International supports sustainability by minimizing the foundry environmental impact of our products while continually improving their performance and value and minimizing our impact on the environment. For core and mold applications, HA International currently has four binder technologies that meet our Ecomission criteria. Our newest technology platforms are based on inorganic binder chemistry and both systems provide better bonding strengths at lower application levels with higher sand flowability. Casting finish and shakeout surpass traditional silicate binder systems.

Monday, March 22, 2010

9:30 AM

Gating/PQ2/CastView; *North American Die Casters Association, Wheeling, IL*

Learn about fast, powerful, and cost effective computer programs that are available. These tools are designed to reduce part and die design lead times while improving casting quality.

10:30 AM

AFS President's Session; *Stephen Reynolds, Lufkin Industries, Inc., Lufkin, TX*

AFS President Steve Reynolds and leaders of the AFS Technical Division have called this special session to discuss issues of critical importance to the sustainability of the U.S. metalcasting industry. Come hear their thoughts on the state of the industry and the AFS President's challenge for the industry in the coming year. This session is open to all Cast Expo attendees. The President's session will be held in the Innovation Theatre on the Expo floor.

1:00 PM

COMMON OSHA SAFETY VIOLATIONS FOUND IN FOUNDRIES; *Fred Kohloff, American Foundry Society, Schaumburg, IL*

A series of examples depicting common OSHA safety violations noted during mock OSHA inspections in 35 metalcasting facilities over the past 5 years. These safety violations were found in 90% of the facilities inspected.

3:30 PM

Sand Casting: Advancements in Resin Coated Sand Technology for Today's Competitive Casting Market- Discovering the Advantages of the Shell Process; *Kelley Kerns, Fairmount Minerals Ltd./Technisand, Benton Harbor, MI*

Today's casting market requires process technology that meets tightening environmental controls and as-cast capabilities. With continued developments in resin coated sand technology, the shell process offers significant advantages to metalcasters for core and mold making. A brief comparison with other processes will highlight these advantages.

Tuesday, March 23, 2010

9:30 AM

Conversions of Fabrications to Castings: 1st Step Toward Growing Your Own Casting Market *Michael Gwyn, ATI, North Charleston, SC*

In today's depressed manufacturing economy, everyone is hoping for the return of market growth. While waiting, you, as a producer of castings, can create growth in your own micro-market. This CastExpo Theatre session will briefly outline the business case for developing net new casting business through your expertise in casting design in partnership with your customers. The best first step in developing casting design expertise is to become skillful in converting fabrications to castings.

1:00 PM

Furnace Efficiency; *North American Die Casters Association, Wheeling, IL*

You control your energy costs. Do not allow inefficient furnaces to burn away your profits. Come learn about exciting advances in furnace technology.