



**News &
Notes**

2015-2016 Lineup

Don't miss the great programs and speakers we have in store for this AFS year! See more on the back page!

AFS Advanced Foundry

Air Seminar

Feb. 24-25

Atlanta, GA

Southeastern Regional

March 2-4 2016

Isle of Palms, SC

CAST EXPO

April 16-19, 2016

Minneapolis, MN

Foundry in a Box

See opportunities on last page

Chapter News

MARCH 2016

March Meeting

Monday March 14, 2016

6:00 pm. At The Hyatt (Wynfrey)

Please join us as Peter Reich presents "A Company DNA". The scalable, practical process of discovering, harvesting, visualizing and connecting a small company's internal capabilities as practical steps in connecting and focusing on market needs. Also available for input will be David Reich, Patti Buksa and Jarek Olzak.

*Register by Thursday
March 10th
(205) 661-0206 ext. 123
or online at
www.afsbirmingham.com*

From the Desk of the Chapter Chairman...



Hello Birmingham Chapter!

If you did not make the Meridian meeting, you missed a good one. Andy Rowzee and Bodie Cooper of Esco-Newton shared valuable information about their recent plant upgrade. They described, in detail, how they would increase tonnages, streamline the operation, and prepare for future expansions. Rowzee and Cooper also explained how they utilized the Mississippi State University CAVS Extension Center. Glenn Dennis of CAVS spoke about the services offered by CAVS and how they were able to help ESCO-Newton. The team at CAVS simulated the planned expansion in full operation. Using data gathered at ESCO, the simulation revealed production bottlenecks and possible production delays. Based on these results, ESCO made alterations to their expansion plan before construction started. I know that everyone thoroughly enjoyed this talk. Attendance was strong at this meeting as well; several Mississippi foundries were well represented (Laurel Machine and Foundry, C.L. Dews & Sons, Southern Cast Products, and ESCO-Newton). We even had 3 UA students! Let me encourage you to make the “travel meeting” next year; it is worth the trip.

Speaking of Students, **scholarship applications are due March 1st.**

Our March 14th meeting will be back at the Hyatt (Wynfrey). It will be preceded by a Furnace Maintenance mini-seminar at 1 PM. Total cost for the mini-seminar and the dinner meeting is \$40.00. That is an unbelievable deal! Help us spread the word for this mini-seminar. For more details see the announcement in this newsletter.

The 83rd Southeastern Regional Conference is only a few weeks away (March 2-4) in Charleston, SC. The theme for this year is “*Casting The Future*”. Visit the AFS Piedmont website or www.seregional.org for more information.

On the national level, Cast Expo will be April 16-19 in Minneapolis. There will be over 300 exhibitors this year! See the AFS website for more information (www.afsinc.org). While you are on the AFS website, check out the AFS Institute course offerings.

Jeremy Mowry
2015—2016
Chapter Chairman

2015-16 Officers and Directors



Chairman

Jeremy Mowry, American Cast Iron Pipe Co.
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Treasurer

Diane Kirkley, Vulcan Engineering
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Directors (Expiring 2016)

John Boyd Goldens' Foundry	Russ Bradley American Cast Iron Pipe
Sandy Pierce EMSCO	Molly Cameron American Cast Iron Pipe

Directors (Expiring 2017)

Mike Murphy American Cast Iron Pipe	Perry Smith Ervin Industries	Andy Sparks Metals in Motion
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Directors (Expiring 2018)

Lindsay Hamner American Cast Iron Pipe	Jon Montgomery Rex Heat Treat	Brandon Partain Hubbell Power Systems
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Opportunities



Monthly Meeting

This month's meeting will be at the Hyatt (Wynfrey). We will be hearing from Peter Reich and team. He will present "A Company DNA". He will be speaking on the scalable, practical process of discovering, harvesting, visualizing, connecting and focusing on market needs.

Mini-Seminar

Melting-Equipment Maintenance to be held March 14th at the Hyatt (Wynfrey) from 1:00-4:30pm. We will have speakers presenting maintenance requirements on cupola, channel and coreless furnaces. Rick Erickson will be speaking on cupola, Ajax Tocco will be presenting channel furnace maintenance, Inductotherm will be speaking on coreless furnaces and ABP will be discussing cooling water maintenance "The Life Blood of Your Furnace Systems".

Foundry in a Box

Ken Murphy will once again be looking for volunteers to introduce our industry to young people through the Foundry in a Box. If you would be interested in helping him out, please contact Ken at kmurphy@american-usa.com or 205-617-1515. Please see last page for opportunities to help.

AFS Events and News

Southeastern Regional

March 2-4

Isle of Palms, SC

CastExpo

April 16-19

Minneapolis, MN

Advanced Air Systems

Feb. 24-25

Atlanta, GA

Mini-Seminar-Melt Maintenance

March 14 1:00-4:30 PM

Wynfrey-Birmingham, AL

AFS Birmingham Financial Contributors

Listed are those who have contributed to the Birmingham Chapter of AFS for the 2015-2016 year, in the order received.
We would like to thank all of those who have donated their time and/or resources !

Platinum Level

\$500 or more

Henschel Andromat Inc.,
Laempe + Reich Corporation
Porter Warner Industries
HA International, LLC
The Core Room
Specialty Foundry Products
Harry H. Reich Co., Inc.
Vulcan Engineering Co.
MetalTech Systems
Supreme Cores of the Carolinas, Inc.
Foundry Supply Group, Inc.
Tyler Union
Rex Heat Treat
Whiting Services
Coosa Industrial Supply
Progressive Finishes, Inc.
EMSCO, Inc.
Inductotherm
Reno Refractories
Pangborn
Unimin Corp.
American Cast Iron Pipe
Southeastern Foundry Products
Ajax Tocco
Grede II LLC
Carbide Industries, LLC
Imerys— S&B Industrial Minerals
ABC Coke

Gold Level

\$350 to \$499

EC&S, Inc.
Disa Industries Inc.
Southern Alloy Corporation
M&H Valve
Wheelabrator
The Hill and Griffith Company
Metals in Motion
Hickman Williams Co.
Foseco

Silver Level

\$275 to \$349

Turner Supply Company
Talladega Foundry & Machine
CL Dews & Sons
Non Ferrous Metals
Laurel Machine and Foundry

Any and All contributions are greatly appreciated, as is your volunteer support of the Birmingham Chapter!!!

**PLEASE! Send your contribution to:
American Foundry Society
Birmingham Chapter
c/o Vulcan Engineering Co.
Attn: Ms. Diane Kirkley
Post Office Box 307
Helena, AL 35080**

AFS Birmingham is a non-profit organization and is solely operated by volunteer support & company donations. Your participation, both financial & willingness to serve, **is greatly** appreciated!

Furnace Maintenance Mini-Seminar

March 14, 2016 1:00 - 4:30 pm

Wynfrey Hotel - Birmingham, AL

Registration begins at 12:00 pm

Sponsored by American Foundry Society – Birmingham Chapter

Topics:

□ **Cupola Maintenance** - Rick Erickson, American Cast Iron Pipe Company
Rick is currently the Melt Manager for ACIPCO, and has served in similar positions at Waupaca Foundry during his career.

□ **Coreless Furnace Maintenance** - Harold Harned, Inductotherm
Harold began his employment with Inductotherm Corp. in 1974 as a Field Service Engineer for the Customer Service Department, working in a variety of roles within Engineering, the Test Department, and the Customer Service Department. For the last seven years, Harold has been the Training Manager focusing on training in safety, operations, and maintenance of induction heating and melting equipment. As Training Manager, Harold has the opportunity to train personnel within the company as well as customers. His duties have carried him worldwide to work on projects in this industry for Inductotherm Corp. Harold presented a seminar on “Proper Equipment Maintenance to Ensure Safe Melting Practices” at the 119th AFS Casting Congress in 2015.

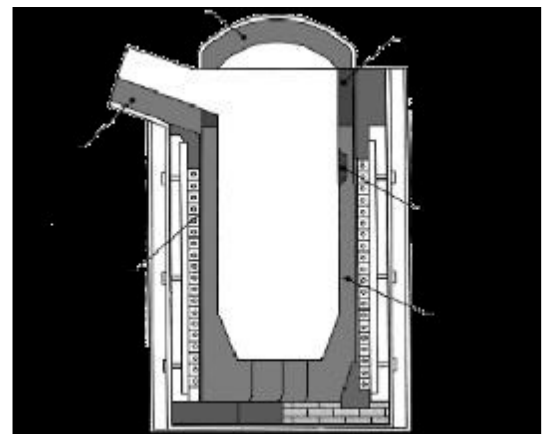
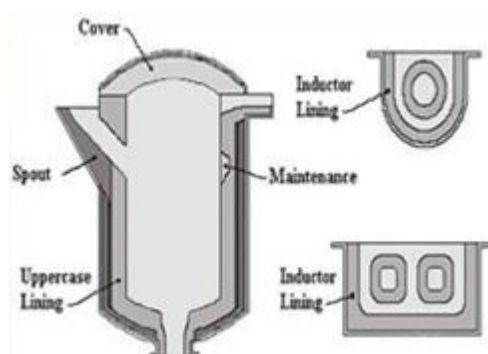
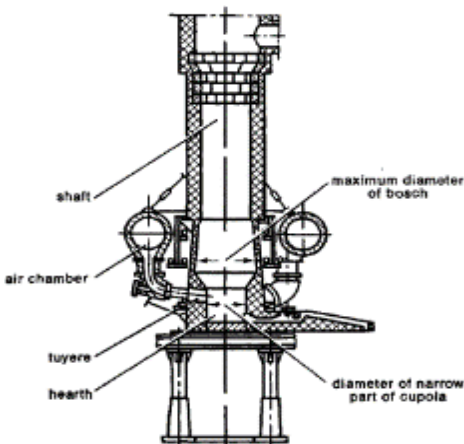
□ **Channel Furnace Maintenance** - Bob Riccardi, AJAX Tocco Magnethermic
Bob has worked for the past 18 years as a Product Sales Manager for Melting Systems at AJAX Tocco Magnethermic Headquarters in Warren, Ohio. Bob has worked in the Foundry Industry for 38 years in various capacities, including field service, design engineering, project management, and sales. Bob is a past chairman of the AFS 8D Channel Furnace Committee.

□ **Operation/Troubleshooting of Ground Detection Systems** - Jack McMillin, AJAX Tocco Magnethermic
Jack is a Product Sales Manager who has worked at AJAX Tocco Magnethermic since 1978. Jack has been an author and presenter for more than 30 years at chapter and regional level seminars as well as AFS Congress events.

□ **Cooling Water, the Life Blood of Your Furnace Systems** - Dr. Daniel Green, ABP Induction
Dan, Technical Director for ABP Induction, manages the design and service engineering department in ABP's US operations center in North Brunswick, NJ. He has worked for ABP and its predecessor, ABB for 26 years. He is an expert in power conversion, power quality, electromagnetics, and furnace design. Dan has a PhD in electrical engineering and an MBA from New York Institute of Technology. He has authored eleven patents.

Cost: \$40 (6:30 p.m. dinner meeting included) Register by contacting Mike Murphy at: 205-325-8183 or mkmurphy@american-usa.com

Payments can be made online at www.afsbirmingham.com or in person.





Foundry in a Box Update

Please contact Ken Murphy if you are willing to help :

kmurphy@american-usa.com or 205-617-7386

UPCOMING OPPORTUNITIES TO HELP

Feb. 22 - Carver HS

Feb. 26 – Bottenfield Middle School 8:30-3:00

March 10-Hayes K-8 9:00-12:30

March 21 - CJ McDonald Elementary 9:00-12:00

April 20 – ADIT Skills USA, BJCC 9:00-3:00

2015-2016 MEETING SCHEDULE

<u>DATE</u>		<u>LOCATION</u>	<u>SPEAKER</u>
Mon, March 14, 2016	Regular Meeting	Hyatt Hotel	Peter Reich and Team
Mon, April 11, 2016	Regular Meeting	Hyatt Hotel	Student Casting Competition
Mon, May 9, 2016	Regular Meeting	Hyatt Hotel	Past Chairman & Award

REGULAR MEETING SCHEDULE

Meeting Place: Hyatt (Wynfrey) Hotel-Birmingham, AL

5:00pm Board Meeting

6:00pm Meeting Registration & Social Hour

6:30pm Dinner & Technical Presentation