



# November 2010

## Notice

Notice that this month's meeting is the first Monday of the Month,

November 01,

not the usual meeting night. Please mark your calendar

## News & Notes

### **Student Scholarship Applications are due October 31.**

This year the Birmingham Chapter is once again offering two \$1000.00 scholarships to students taking course work related to the foundry industry. For more details and to get a copy of the application see the Education page on the Birmingham AFS website [www.afsbirmingham.org](http://www.afsbirmingham.org)

### December Meeting

The December meeting will be the Christmas Party. This year we will be joined by the Birmingham Section of AIST. Reserve December 06 to join the party.

### Meeting Reservations

Dinner is \$30.00  
Make your meeting reservations online at [www.AFSBirmingham.org](http://www.AFSBirmingham.org) or  
call 205-661-0206 ext 23

## **3D Printing and Scanning**

*Monday November 01  
Wynfrey Hotel*

Registration and Social Hour  
starts at 6:00 pm

Gary Fudge has a 15 year background and education in both engineering and business. Since 1995, he has provided product development and manufacturing solutions through services and equipment for a variety of industries including automotive, aerospace, defense, consumer products/electronics, medical, education, plastics and foundry. Gary is currently located in Atlanta as a Regional Manager for ZCorporation, providing 3D printing and scanning equipment solutions to a wide range of customers throughout the Southeastern US, Central America and South America.



Gary will be giving an overview of 3D Printing and 3D scanning technologies and how that can be applied to the foundry industry. He will first discuss how these technologies work. He will then be showing real world examples of how these technologies help save significant time and money in product development, initial production, and inspection.



# Chapter News

# November 2010

## Chapter Chairman

Mr. Mark Cotton  
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## 1<sup>st</sup> Vice Chairman

Mr. Dave Hughes  
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## 2<sup>nd</sup> Vice Chairman

Mr. Ed Boyd, Sr.  
Goldens' Foundry & Machine Co.  
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## Secretary

Mr. Donnie Hoffman  
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## Treasurer

Ms. Diane Kirkley  
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## Directors (Term Expires 2011)

Mr. David Drake  
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## Directors (Term Expires 2012)

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Mr. Jerry Holcombe  
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Mr. Joe Puckett  
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## Directors (Term Expires 2013)

Mr. Tom Walton  
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Mr. Rodger McLellan  
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Mr. Fred Hunsucker  
Southeastern Foundry Products  
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## From the CHAPTER CHAIRMAN...

**THANK YOU** members for attending the October meeting. Doug Grimm, the Chairman President and CEO of Grede Holdings LLC was our speaker. Doug was instrumental in bringing together two established foundry groups: Citation Corporation and Grede Corporation. Since the merger was completed in February 2010, Doug has been focused on implementing the best from both organizations and capitalizing on its innovative, value-added capabilities. We appreciate Doug for providing our members insight into the positive outlook for Grede.

**Our next meeting will be on Monday, November 1st** at our regular meeting place at The Wynfrey Hotel in Hoover at the Galleria. Our speaker will be Gary Fudge with ZCorp. Gary will be speaking on the benefits of rapid prototyping to help achieve the best quality part with the lowest overall cost to the foundry.

We certainly want to thank all of the companies that sponsor our chapter, without your generous donations we wouldn't be able to provide the chapter with the best resources we currently offer. We can't say enough to show our appreciation for sponsor companies, but we do try to acknowledge the appreciation by displaying the sponsor logos during the meetings and giving mention to those companies. We encourage anyone to give whatever they can to make this chapter the best it can be.

Please keep in mind that Just Friends will entertain us at the Christmas Party on December 6<sup>th</sup>. Just Friends is an 8-piece Jazz/Big Band group composed of 1 vocalist and 7 instrumentalists. They play a nice variety of Jazz, Big Band and some hits from the 50's, 60's and 70's. Please plan to bring your spouse or significant other to enjoy some well known blues music.

So please make your reservations now ([www.afsbirmingham.org](http://www.afsbirmingham.org)) and plan to be at the next meeting on November 1<sup>st</sup>!!!!!!

**Mark Cotton**  
Chairman



# Chapter News

# November 2010

## AFS Birmingham Financial Contributors

Listed below as of 10/12/2010 are those who have contributed to the Birmingham Chapter of AFS for the 2010—2011 year. If you are interested in making a contribution please contact Diane Kirkley, Vulcan Engineering, Tel. (205) 663-0732, kirkleyd@vulcangroup.com

### Platinum Level

Grede – Columbiana, AL Vulcan Engineering Co. Reno Refractories, Inc. ABP Induction, LLC Goldens' Foundry & Machine Co. Porter Warner Industries Inductotherm Corp. Rex Heat Treat – Alabama, Inc. Carbide Industries LLC Dauber Company, Inc. Perry Supply, Inc Laempe + Reich Levand Steel & Supply Corp.	Pangborn Corporation Unimin Corporation Southeastern Foundry Products Riverside Refractories, Inc. Specialty Foundry Products, Inc. S & B Industrial Minerals North America, Inc EMSCO, Inc. HA – International, LLC ABC Coke – Div. of Drummond Hickman, Williams & Company	Foseco American Cast Iron Pipe Company Miller and Company Bohl Crane Inc. Supreme Cores of the Carolinas, Inc. Wheelabrator Group EC&S—Electric Controls & Systems, Inc. Disa Industries North American Constructions
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### Gold Level

Kerlin Metallurgical, Inc.  
Mueller Co. – Albertville, AL  
Refractory Sales & Service Co., Inc.  
Rolls-Royce Naval Marine Inc.  
Norris Brothers Corp.  
Ervin Industries  
Foundry Supply Group, Inc.  
C.L.Dews & Sons Foundry and Machinery Co., Inc.

### Silver Level

Southern Alloy Corporation  
Pryor Giggey Co.  
W. J. Bullock, Incorporated  
B & L Information Systems, Inc.  
Leco Corporation  
Deep South Freight  
Tommie Corporation  
Bert Smith & Associates  
Tampa Brass & Aluminum Corp.

Please send your contribution to:  
American Foundry Society  
Birmingham Chapter  
c/o Vulcan Engineering Co.  
Attn: Ms. Diane Kirkley  
Post Office Box 307  
Helena, Alabama 35080

AFS Birmingham is *solely* operated by volunteer support & company donations. Your participation, *both financially & willingness to serve* is greatly appreciated.



For Much More Information  
Visit Our Website:  
[www.afsbirmingham.org](http://www.afsbirmingham.org)

## News and Notes (cont'd)

### The Education Committee needs your help

The Education Committee is busy scheduling the "Foundry-in-a-Box" demonstrations. If you know of a school that would like to participate or would like to volunteer to help with the demonstrations please contact Molly Cameron at [mcameron@acipco.com](mailto:mcameron@acipco.com). Or 205-281-1997.

### Coreless Melting Workshop and Seminar

The Tennessee Chapter and the AFS Division 8C Coreless Melting Committee are co-sponsoring a Coreless Melting Workshop and Seminar on November 12, 2010 in Chattanooga, TN. For more information and a registration form please see the notice on the website or contact Jerry Holcombe, Reno Refractories 205-647-0240.

### Analysis and Reduction of Casting Defects

The Piedmont Chapter and CMI are presenting the Analysis and Reduction of Casting Defects course on October 26, 27, and 28, 2010 in Myrtle Beach, SC. For more information please see the notice on the website, the notice on the AFS website ([www.afsinc.org](http://www.afsinc.org)) or contact James Sturgeon, Conbraco Industries, Inc. at [james.sturgeon@conbraco.com](mailto:james.sturgeon@conbraco.com).

### AFS Southeastern Regional Conference

The AFS Southeastern Regional Conference for 2011 will be held at Litchfield By The Sea on Pawley's Island, SC on March 3 & 4, 2011. Mark your calendars now.

### 2010/ 2011 AFS Birmingham Meeting Schedule

Saturday August 28, 2010

Golf Outing / Picnic

Mountain View Golf Course

Monday September 13, 2010

Quality Management for Safety

Anniston, AL

Monday October 11, 2010

The New Grede

Wynfrey Hotel

**November 01, 2010\***

3D Scanning and

3D printing

Wynfrey Hotel

December 06, 2010

Christmas Party

Wynfrey Hotel

January 10, 2011

AFS in Washington

Wynfrey Hotel

**February 17, 2011\*\***

**Ray Monroe**

**Meridian, MS**

March, 14, 2011

Dinner Meeting

Wynfrey Hotel

April 11, 2011

Student Casting Competition

Wynfrey Hotel

May 09, 2011

Past Chair / Awards

Wynfrey Hotel

• \*Note this is the first Monday of the Month

• \*\* Note this is a Thursday

### Regular Meeting Schedule

Meeting Place: Wynfrey Hotel, Birmingham, AL

5:00pm - Board Meeting

6:00pm - Meeting Registration & Social Hour