



# November 2006

## Chapter News

### Birmingham AFS Scholarships

The Birmingham AFS Chapter has two scholarships available! Applications are available online at:

[www.afsbirmingham.org](http://www.afsbirmingham.org)  
or you may contact Ms. Molly Stewart at ACIPCO,  
(205) 325-7024 or  
[mstewart@acipco.com](mailto:mstewart@acipco.com)  
Apply today!

### Thank You!

If you missed last month's meeting, you missed out on a dynamic presentation by Trevor Tackaberry of FOSECO.

The chapter wishes to thank Trevor and Foseco for their time and support.

We had 99 in attendance with 14 students from area universities.



**Happy Thanksgiving!**



*Regular Meeting  
Place & Time*

The Wynfrey Hotel  
Galleria Mall  
US-31 & I-459

**Monday, November 13th**  
**Board Meeting 5:00 p.m.**

**Social Time 6:00 p.m.**  
**Dinner 6:30 p.m.**

**Leave your reservation request at**  
**(205) 661 - 0206 ext. 23**  
**or via the internet at**  
**www.afsbirmingham.org**

**Be sure to leave your name!**

***Make your reservations before 12:00 Noon on November 9th***

**Price of Meal—\$25.00**

**Please visit our chapter website or the AFS National website frequently to get the latest chapter and national info:**

**www.afsbirmingham.org**  
**or**  
**www.afsinc.org**

## *November 13th Meeting Topic:*

**“Cleaning Room Automation”  
Round Table Discussion**

*presented by...*

***Rimrock Corp.  
Roberts Sinto Corp.  
Vulcan Engineering Co.***

### *Jan Hutson*

**RIMROCK CORPORATION  
Sr. Applications Engineer**

Mr. Hutson joined ABB in 1997 as a robotic systems salesman and was instrumental in the development of complex automation systems in foundry and forging applications. He accepted a position as senior applications engineer at Rimrock when Rimrock purchased the systems automation division of ABB in 2003, and has been instrumental in Rimrock's growth in the foundry automation market.

### *Donald R. Laundre*

**ROBERTS SINTO CORPORATION  
Product Manager – Foundry Systems**

Joining us from Roberts Sinto Corporation, Don Laundre graduated in 1980 with a degree in Mechanical Engineering. In 1989 Don started working at Roberts Sinto Corporation where he is now the Region Product Manager – Foundry Systems for the South & East.

### *David LaRussa*

**VULCAN ENGINEERING CO.  
Sales Manager, Robotics**

Joining us from Vulcan Engineering Co., Dave graduated from Auburn University with a Bachelor's Degree in Mechanical Engineering. Dave has been employed with Vulcan Engineering since 1994 and currently holds the position of Sales Manager for the Robotics Group.



# Chapter News November 2006

## From the CHAPTER CHAIRMAN...

Thanks to all who attended our October meeting. Trevor Tackaberry of Foseco gave a great presentation on riser sleeve development. Kevin has a great presentation lined up for November's meeting (see the front page). Here are a few bullet points on past and future events:

- The due date for the first AFS Birmingham Chapter scholarship is November 1st. We will be awarding a total of \$2000 in scholarship money. Visit our chapter's website at [www.afsbirmingham.org](http://www.afsbirmingham.org) for more information and the scholarship forms.
- We are still trying to raise money for the purchase of a golf cart for Camp Coleman in Trussville. Camp Coleman needs the golf cart for transporting children with special needs around the Girl Scout camp. We will be taking donations through January. We will also be holding another raffle during our annual December Christmas party, so mark your calendars.
- We originally planned the annual Tuscaloosa meeting for April 6, 2007. This happens to be Good Friday, so the chapter is looking to move the meeting to April 13. More information on this will follow in next month's newsletter.

I look forward to seeing each of you at our November meeting.

Mike Petrus  
Chapter Chairman

### *How Do You Want to Receive Your Newsletter*

If you receive your monthly newsletter either via regular mail or electronically (email) and would like to only receive it one-way or the other; or, if you know someone not receiving it at all, please contact Kevin Crawford at 205-663-0732 / [crawfordk@vulcangroup.com](mailto:crawfordk@vulcangroup.com) or Cahalan Gibson at 205-856-8007 / [cgibson@atn.org](mailto:cgibson@atn.org) so we can update our records and ensure that all our members and friends of the Chapter receive the newsletter, as well as eliminate duplications or costly mailing if e-mail is sufficient. Thanks!

#### NOTE FROM OUR HEALTH & SAFETY COMMITTEE:

##### OSHA Issues Hexavalent Chromium Guidance for Small Businesses

Visit the following website to get the up-to-date testing requirements and instructions for Cr(VI):  
[Http://www.osha.gov/pls/oshaweb/owadis.show\\_document?p\\_table=NEWS\\_RELEASES&p\\_id=12638](http://www.osha.gov/pls/oshaweb/owadis.show_document?p_table=NEWS_RELEASES&p_id=12638)

#### Chairman

**Mike Petrus**  
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#### First Vice Chairman

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[crawfordk@vulcangroup.com](mailto:crawfordk@vulcangroup.com)

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#### Secretary

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Alabama Technology Network  
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[cgibson@atn.org](mailto:cgibson@atn.org)

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#### Directors -Term Expires 2007

**John Kersh**  
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**Carol Brandon**  
Hill & Griffith Co. - (205) 328-4050

**Bill Jones**  
Robinson Foundry - (256) 329-8481

**Jarek Olszak**  
Laempe+Reich - (205) 655-2121

#### Directors - Term Expires 2008

**Tim Kirk**  
Specialty Foundry Products  
(205) 591-2111

**Molly Stewart**  
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**Phil Story**  
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#### Directors - Term Expires 2009

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**Dave Hughes**  
McWane Cast Iron Pipe  
(205) 241-4210

**Donnie Hoffman**  
Bert Smith Associates  
(205) 591-2486



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kirkleyd@vulcangroup.com

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***Cleaning Room  
Automation Roundtable***

We are trying something new! This month, instead of having one speaker, we have put together a roundtable discussion. We are excited to have representation from Rimrock Corporation, Roberts Sinto Corporation and Vulcan Engineering Co., the three leaders in Cleaning Room Automation!

Each company will have a 15 minute time period in which to put on their presentation. At the end, we will have a Question and Answer period for audience participation, so be prepared with your cleaning room questions!

***Rimrock Corporation***

Rimrock is a premier supplier of automation products & integration services for North America. Founded in 1956 as a manufacturer of automatic lubrication systems, Rimrock has expanded to supply products including ladles, sprayers, extractors, finishing equipment and turnkey robotic systems.

***Roberts Sinto Corporation***

Roberts Sinto Corporation works closely with clients to provide solid, practical solutions to foundry operations and automated material handling problems. As a world leader in the foundry industry, Roberts Sinto prides itself in manufacturing foundry systems and machinery that meet the highest standards of performance, productivity and quality.

***Vulcan Engineering Co.***

Vulcan Engineering is the largest in-house foundry engineering, manufacturing and installation group in North America. Vulcan has grown by holding to our founder's simple philosophy of serving customers to help them succeed. This basic principle, implemented by Vulcan's expert team, creates the impetus behind Vulcan's continuing growth and success.

*Dr. Charles E. Bates Retires*



Dear Foundrymen and the supporting industry:

I have had contact with hundreds of you during my tenure at UAB and SRI, and I am sending this e-mail to let you know that I am retiring, but not dying nor ending my relationship with UAB.

As a few of you are aware, my wife is having some health problems, and I can no longer work full time. I did not intend to retire for several more years, but now I must spend more time at home with my wife, and retiring is the only way to do it. It is my plan to come into the office part time to complete some projects where I was identified as the principal investigator, mentor some graduate students through their PhD degrees, and help identify project opportunities for the Materials Science Department. While I am retiring, I am not quitting.

John Griffin is expected to take over the general operation of the group and to continue to develop research in Steel Castings and Non Destructive Evaluation. Harry Littleton will continue to supervise all research in Lost Foam Casting and do the mechanical engineering that he has always done. Dr. Preston Scarber will continue to supervise and do Simulation Research, and Robin Griffin will continue to provide support to everyone, including local industry.

The group is going to survive and do well. I just will not be here all day every day.

Charles E. Bates  
Research Professor

The Birmingham District Chapter of American Foundry Society gives special thanks to Dr. Bates for his willingness to share his knowledge and time to advance our industry. Dr. Bates, you will be sorely missed, but not forgotten...and we expect to see you at our meetings!!!





**AFS Birmingham Financial Contributors**

As of Tuesday, October 17, 2006  
(in order of receipt of funds)

**Platinum Level**

**Hill & Griffith Co.  
Cast Products  
Laempe + Reich Corp.  
Vulcan Engineering Co.  
ABC Coke Division  
Carbide Industries LLC  
Citation – Columbiana, AL  
EMSCO  
Foseco Metallurgical  
Southern Precision Sands  
Specialty Foundry Products  
North American Construction Services  
S & B Industrial Minerals  
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Mouat Company  
Disa Industries  
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EFP Corp.  
Pryor Giggey Co.  
Birmingham Hot Metal Coatings  
Southeastern Foundry Products  
Wheelabrator  
Unimin Corporation  
Perry Supply  
Vantage Tooling Systems  
Miller and Company  
American Cast Iron Pipe  
Jimmy Jackson Services  
Alabama Gas Corporation  
Maumee Pattern Company  
Pangborn Corporation**

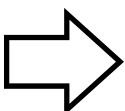
**Gold Level**

Norris Brothers Corp.  
Southern Alloy Corp.  
Tecpro Corporation  
Tyco Fire & Building Products  
Pell City Industrial Services  
Inductotherm Companies  
W. J. Bullock  
HA International  
Joe H. Smith Co.  
C. L. Dews & Sons Fdry. & Mach. Co.  
Ervin Industries

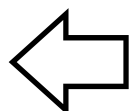
**Silver Level**

Foundry Supply Group  
Ford Meter Box  
Levand Steel & Supply  
Aplus Pattern & Mold  
Applied Process  
Bert Smith & Associates  
Fire Brick Engineers Co.  
S.C.R.A.M.  
Lee Brass  
Leco Corporation  
Tucker Foundry Supply  
Carbo Ceramics  
Specialty Alloys  
Highland Technical Services  
United Refractories Co.  
Rolls – Royce Naval Marine  
Kerlin Metallurgical  
Tommie Corporation  
Rex Heat Treat - Alabama

**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)

### 2006-2007 AFS Birmingham Meeting Schedule

Monday, November 13, 2006	Regular Meeting	Roundtable: Rimrock, Sinto, Vulcan	Wynfrey
Monday, December 11, 2006	Christmas Party	Christmas Extravaganza	Wynfrey
Monday, January 8, 2007	Regular Meeting	Henry Lodge - Lodge Mfg.	Wynfrey
Monday, February 12, 2007	Regular Meeting	Diana Waterman - AFS DC	Wynfrey
February 28 - March 2, 2007	Southeast Regional	To be determined	Myrtle Beach, SC
Monday, March 12, 2007	Regular Meeting	Michael Swartzlander - Ashland Specialty	Wynfrey
Friday, April 13, 2007	Student Night & Golf	To be determined	Tuscaloosa, AL
Monday, May 7, 2007	Awards Night	Jerry Call - AFS EVP	Wynfrey
May 15 - 18, 2007	AFS Casting Congress	111th Paper Show	Houston, TX

Regular Meeting Schedule:

Meeting Place: Wynfrey Hotel, Birmingham, AL  
5:00 pm - Board Meeting  
6:00 pm - Meeting Registration & Social Hour  
6:30 pm - Dinner & Technical Presentation



### **November 2006 Chapter News**

Kevin Crawford  
Vulcan Engineering Co.  
P.O. Box 307  
Helena, AL 35080

**To:**