

## **MEETING LOCATION**

*This Year's Regular  
Meetings Will Be At:*

**THE WYNFREY  
HOTEL**  
**I-459 / US-31**  
**Located At**  
**The Galleria Mall**

**PARKING:** Parking is available within the hotel's gated parking deck, or in any of the mall's available parking.

Parking vouchers will be distributed during meeting registration. With a voucher, there is no cost for hotel parking.

## **Meeting Notice**

**The Wynfrey Hotel**  
**I-459 / US-31**

**Monday, October 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 x23**  
**or via the internet at**  
**[www.afsbirmingham.org](http://www.afsbirmingham.org)**

***Make your reservations  
before 12:00 Noon on  
October 9th  
to be eligible for a  
Special Drawing.***

**Be sure to leave your  
name!**  
**Price of Meal—\$25.00**

## **October Meeting Topic**

***Wait a Minute!  
Cast Iron Is a High Tech  
Material.***

**John R. (Chip) Keough**  
**President/CEO**  
**Applied Process, Inc.**  
**Livonia, MI**

John graduated from the University of Michigan with Bachelors Degrees in both Mechanical and Materials/Metallurgical Engineering, and is a Registered Professional Engineer. Since 1993 John has been the CEO



and owner of Applied Process Inc. Applied Process Inc. has since added new affiliates AP Westshore Inc. in Oshkosh, Wisconsin, and AP Southridge Inc. in Elizabethtown, Kentucky.

He currently serves on Technical Committees for AFS, SAE, and AGMA, the University of Michigan MSA Department Advisory Board, the FEF Board of Trustees, and is the Past Director of the DIS. He holds seven heat treat and/or foundry related patents.

John has authored numerous papers, co-authored one book, and given scores of technical papers on foundry and heat treat related topics world-wide. He has received the Ductile Iron Society Award (1990), the AFS Wm. J. Grede Award (1998), an ASM Fellowship (1998), the ASM Detroit Chapter Shoemaker Award (2000), the AFS Marketing Committee's 2001 Jack F. Steele Award, The Engineering Society of Detroit's Gold Medal (2002) and the AFS Ray H. Witt Award (2003).

He and his wife Nancy live in Ann Arbor, Michigan and have three grown children. Come join us on October 13th to hear John give his fun and educational presentation.



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**Todd Lyles**  
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(205) 965-6653

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**Jeff Fowler**  
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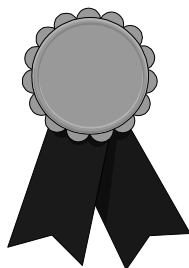
## PICNIC RECAP



The picnic was a huge success again this year. There were 144 in attendance, with good food & fellowship shared by all. The AFS Birmingham Chapter would like to especially thank those individuals & companies who helped make this year's event a huge success.

Individuals include Jarek Olszak (Reich Co.) who organized the event; Dennis Williams & Charlie Kennedy (Reno) who coordinated the golf; Brant Ferguson (Griffco), Alabama Copper & Bronze, and WJ Bullock who sponsored the horseshoes; Carol Brandon (Hill & Griffith), Mike Sexton (Pangborn), & Specialty Foundry Products who handled the bingo; Bill Steadman, John Kersh, Mike Petrus, Kerry Styron, and Molly Stewart (ACIPCO) who handled the registration and ticket sales; Cahalan Mackin (Bermco), student relations; Tommy Horton (Reich Co.), Gordon Kimball (Ford Meter Box), Diane Kirkey (Vulcan Eng.), Todd Lyles ((Pryor Giggey), Jeff Fowler (Citation Marion), Ralph Lyles (Miller and Co.), and Jim Frost (ACIPCO) for their behind the scenes work, and the UAB Student Chapter for driving the beverage carts.

## CONGRATULATIONS TO OUR HORSESHOE CHAMPIONS



**Mac Heaton  
&  
Bob Vise**



## CONGRATULATIONS TO OUR GOLF WINNERS

### Team Gross Score

**1st Place (58) - Ralph Lyles**  
Frank Stubbs  
Ron Kirkland  
Wallace Harris

**2nd Place (59) -Randy Adair**  
Todd Lyles  
Randy Nelson

**3rd Place (60) -Don Gaertner**  
George Boyd  
Don Griffin

### Team Net Score—Callaway

**1st Place (65) - Tom Bonse**  
Jim MacRae  
Gale Miller  
Don Miller

**2nd Place (66) -Charlie Kennedy**  
Jeff Skinner  
Darryl Crump  
Tony Halman

**3rd Place (66)- Kevin Parker**  
Art Fallone  
Doug Browser  
K.C. Wong

### Closest to the Pin

**Red #2** Tom Walton  
**Red #4** Garry Willingham  
**Blue #1** Ken Deemer  
**Blue #6** Bob Hinton

### Closest to the Line

**Red #9** Larry Hall  
**Blue #5** Gale Miller

### Longest Drive

**Red #1** Chris Clark  
**Blue #3** Ken Griffin



## NEWS FROM THE CHAIRMAN

I would like to thank everyone that attended the 2003 Ben Dunning Memorial Picnic. The picnic was a great success. Year after year, the Birmingham Chapter is blessed with many members who put a lot of effort into assuring the picnic goes off without a hitch. **THANKS TO ALL!**

The Birmingham Chapter is proud to have Arthur Edge (ACIPCO) as the current national AFS President.

The Birmingham Chapter will continue our foundry education efforts in 2003-2004. The Birmingham Chapter will co-sponsor an AFS/CMI course on October 28-30, 2003. The course will be on "Chemically Bonded Mold and Coremaking Materials & Methods." The course will be held at the Holiday Inn Airport (See details right hand column).

In addition to the AFS/CMI course, the Birmingham Chapter will continue to host mini-seminars during the 2003-2004 year. Details coming soon.

**Meeting Dates Notice:** Please note that there are a couple of unusual meeting dates. At the request of many members, we are going to have one regular meeting on a Friday night. This will be on Friday, February 13, 2004. Also, due to a conflict at the Winfrey, note that the November 17, 2003 meeting is the 3rd Monday of November.

Todd Lyles  
Chairman

Thanks to the following companies for their donations to the picnic:

Alabama Copper & Bronze  
Alabama Gas Corp.  
American Cast Iron Pipe Co.  
Birmingham Hot Metal Coatings  
Citation Marion  
Cope Plastics  
Electric Melting Services  
Ford Meter Box  
Grifco, Inc.  
Harry H. Reich Co., Inc.  
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Laempe+Reich Corp.  
Levand Steel & Supply Co.  
Miller & Company  
Porter Warner  
Pryor Giggey Co.  
Reno Refractories  
Specialty Foundry Products  
Vulcan Engineering Co.  
W. J. Bullock



## Chemically Bonded Mold & Coremaking Materials & Methods

October 28–30, 2003  
Holiday Inn—Airport  
Birmingham, Alabama

Cosponsored by CMI and the  
AFS Birmingham Chapter

With a Plant Visit to  
Laempe + Reich Corp.

The Cast Metals Institute is an Authorized Provider of Continuing Education & Training (AP # 621) member of the International Association for Continuing Education & Training (IACET).

This CMI course is specifically designed to help you:

- Acquire an understanding of sand and its relationship to mold & coremaking
- Examine oil sand mold & coremaking; Study the shell process
- Develop an understanding of the nobake chemically bonded sand processes
- Consider all the aspects of the coldbox systems
- Learn about the hotbox processes
- Acquire an understanding of when and how to apply washes & coatings
- Investigate the causes of chemical binder-related casting defects

### Who Should Attend:

Trainees, Coreroom & Molding personnel who work with the chemical binder processes, Quality Control personnel, Foremen, Supervisors and other production-oriented staff who would benefit from an understanding of chemical binder, mold & coremaking.

### Instructors:

Wayne Rossbacher, Consultant,  
Sugar Grove, Illinois  
Bill Lynam, Consultant,  
Seneca, Pennsylvania  
Greg Sturtz, Product Technical Support,  
Ashland Specialty Chemical Co.,  
Columbus, Ohio  
Roy Burritt, VP & General Manager,  
Southern Foundry Resins,  
Pelham, Alabama  
(334) 683-6101

For more information and registration information contact us at [www.castmetals.com](http://www.castmetals.com).

## AFS Birmingham Financial Contributors

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| A PLUS PATTERN & MOLD                       | (205) 988-3201 |
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| VULCAN ENGINEERING CO.                      | (205) 663-0732 |
| W. J. BULLOCK, INC.                         | (205) 788-6586 |

### Chapter Contributions and Support

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



**Don't See Your  
Company's  
Name??**

**Contact  
Jarek Olszak  
@ (205) 655-2121  
or Diane Kirkley  
@ (205) 663-0732  
For More  
Information!**

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



**For More News & Information  
Visit Our WebSite:  
[www.afsbirmingham.org](http://www.afsbirmingham.org)**

|   |   |
|---|---|
| <b>Monday, October 13<sup>th</sup>, 2003</b>  | <b>Regular Meeting - John Keough, President, Applied Process Inc.<br/>Wait a Minute! Cast Iron Is a High Tech Material.</b>                   |
| <b>Monday, November 17<sup>th</sup>, 2003</b> | <b>Regular Meeting - Tom Prucha, V.P. Technical Services, Intermet<br/>Latest in Aluminum Casting Technology</b>                              |
| <b>Monday, December 8<sup>th</sup>, 2003</b>  | <b>Christmas Party - Entertainment, Mickey Dean</b>   |
| <b>Monday, January 12<sup>th</sup>, 2004</b>  | <b>Regular Meeting - Charles Bates<br/>Research Professor, Materials and Mechanical Engineering, UAB<br/>Update on AFS Research at UAB</b>    |
| <b>Friday, February 13<sup>th</sup>, 2004</b> | <b>Regular Meeting - Scott Howell, Robinson Iron<br/>Update on the Vulcan Restoration</b>   |
| <b>Friday, March 12<sup>th</sup>, 2004</b>    | <b>Tuscaloosa Meeting - Student night &amp; Golf</b>  |
| <b>Monday, April 12<sup>th</sup>, 2004</b>    | <b>Regular Meeting - Doru Stefanescu<br/>Research Professor, Metallurgical and Materials Engineering, UA<br/>Update on AFS Research at UA</b> |
| <b>Monday, May 10<sup>th</sup>, 2004</b>      | <b>Regular Meeting - Awards Night<br/>Bill Sorensen, Executive Director, Foundry Educational Foundation<br/>Update on FEF</b>                 |