



2007 – 2008 Officer Elections

Officer elections were held at the last meeting of the Birmingham chapter at UAB. The outcome of the elections is listed below.

Greg Barnett – Chair
Jeremiah Haswell – Vice-Chair
Thomas Saunders – Treasurer/Secretary
Antonia Hawkins – Pre-college Outreach
Marsha Tucker – Membership Development
Dan Giles – University Outreach
Steve Wilson – Scholarship Chair

Congratulations to the new officers. We are excited about the coming year and the participation on the executive board of some new faces. We have some exciting activities in the works for 2007-2008, so watch your email and stay tuned as we sort out dates for our upcoming activities. A brief outline of the planned events follows:

- Tour of the PSDF facility, a Coal Gasification Plant
- Tour of the Mercedes-Benz factory in Vance
- Sporting Clays Tournament to benefit the ASME scholarship fund
- Tour of Alabama Power's Plant Miller

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Upcoming Events

BEST Robotics Competition

Greetings ASME members,

As the High School Outreach Chair, my goal is to increase the Birmingham ASME Section's involvement in BEST. My main objective is for us, as an organization, to get involved in this competition in some capacity so that we may mentor/sponsor a school in the future. I understand that many of us can not devote the tremendous amount of time this competition requires right now, but I am sure we will be able to aid in judging, building of the course, timers, or some member of the staff. The Game ay is a very involved and exciting event and I hope that we may contribute our time to such an enriching event. If would like to learn more, please don't hesitate to email or give me a call!

Thank you,

Antonia C. Hawkins
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ASME Pre-College Education Chair
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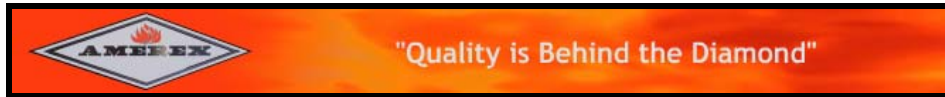
William B. Samford Scholarship Fund Sporting Clays Tournament

We are planning a Sporting Clays Tournament to benefit the William B. Samford Scholarship Fund. The tournament will be held in the spring and spaces will be limited. Please be on the lookout for more information as details are solidified. For more information, please email Thomas Saunders at tbsaunders@gmail.com.

Tour Suggestions

If you would like to tour a facility as a curious engineer, but are not sure how to approach the company, get in contact with Greg Barnett (gpbarnet@southernco.com) and we can set up the tour through ASME. We are always looking for new suggestions for facilities to tour.

Career Opportunities



AMEREX CORPORATION is seeking a PRODUCT DESIGN ENGINEER.

Immediate opening. Amerex Corporation is currently seeking a product design engineer for fire protection equipment. Bachelor of Mechanical Engineering minimum required. Must be skilled in AutoCAD and 3D Modeling. Experience with DC electrical circuits, automotive applications, and off road equipment is desirable. Military experience is a plus. Travel will be required. Company offers excellent pay, health insurance, 401K and other employee benefits.

Send resume and work history with salary requirements to: Dir. H.R. P.O. Box 81, Trussville, Al 35173 or fax 205 655-7602. EOE M/F

Are you an employer in need of a Mechanical Engineer?

The Birmingham ASME Section Newsletter reaches approximately 500 mechanical engineers in the greater Birmingham area and provides a great opportunity for you to focus the search for your next Mechanical Engineer.

If you would like to place a job search ad in our next newsletter, please contact Thomas Saunders at tbsaunders@gmail.com for further information.

Boiler and Pressure Vessel Code – 2007 Edition

The International Boiler and Pressure Vessel Code establishes rules of safety governing the design, fabrication, and inspection of boilers and pressure vessels, and nuclear power plant components during constructions.

The objective of the rules is to provide a margin for deterioration in service. Advancements in design and material and the evidence of experience are constantly being added by Addenda.

Serving the Public for over 90 Years

Originating in 1914, the ASME Boiler and Pressure Vessel Code is now adopted in part or in its entirety, by 49 states and numerous municipalities and territories of the United States and all the provinces of Canada.

Current and "LIVE"

The Code is kept current by the Boiler and Pressure Committee, a volunteer group of more than 950 engineers. The Committee meets regularly to consider requests for interpretations, revision, and to develop new rules.

In the formulation of its rules and in the establishment of maximum design and operating pressures, the Committee considers technological advances including materials, construction, methods of fabrication, inspection, certification, and overpressure protection.

To print an order form for the new edition, simply [click here](#).

[2007 International Mechanical Engineering Congress and Exposition \(IMECE\)](#)

Plans are well underway for another great ASME Congress on Nov. 11-15, 2007 in Seattle, WA. More than 3000 abstracts have been received and are currently being reviewed for quality and appropriateness for the Congress. The abstracts and papers that pass the review process will be programmed for presentations, along with several panel sessions and poster sessions. We expect to have at least 460 technical sessions programmed from Monday through Thursday. These presentations will be grouped into a new multidisciplinary Track structure. The Track topics are currently being developed. Some of the expected Tracks are:

- Micro- and Nano-Systems
- Mechanics of Solids and Structures
- Biomedical Engineering and Biotechnology
- Energy Systems
- Transportation Systems
- Mechanical Systems and Control
- Heat Transfer, Fluid Flows and Thermal Systems
- Design and Manufacturing
- Sustainable Products and Processes
- Safety Engineering and Reliability
- Processing and Application of Novel Materials
- Software for Engineering Applications
- Engineering Education and Professional Development

The new Track system that replaces the Division-based programming was developed through unprecedented collaboration between Divisions and other ASME Units. Each Track consists of several technical Symposia on topics related to the Track theme, and each Symposium includes several topical Sessions. It is hoped that the new structure will make it easier to manage potential scheduling conflicts and will make the final program easier to maneuver. This is truly a departure from past practice, and I want to take this opportunity to thank all the Division Program Representatives and Track Chairs that helped develop the new system.

There are other changes to the overall program as well. The Honors Assembly, which has been a very important part of Congress, will be moved to Monday night. The Keynote presentation will take place on Sunday evening followed by a Welcome Reception for all attendees. Another important improvement is the daily Authors' Breakfast from Monday through Thursday. This event will provide an opportunity for the Session Chairs to meet the presenters in their sessions. Also, coffee and refreshments will be provided during breaks for all attendees.

In order to reduce the number of parallel activities and reduce scheduling conflicts, most of the governance and business meetings of ASME will be moved to Friday through Sunday. However, all Division level committee meetings and functions will be scheduled during the Monday-Thursday time frame. The popular Student Design Contest and Early Career Forum will be held on Sunday.

Last year in Chicago we implemented a new registration policy to reduce the potential no-shows that had plagued the Conference in recent years. All authors and presenters were required to register in advance. Since this policy was effective and substantially reduced the number of no-shows in Chicago, it will be followed in Seattle as well. Please check the ASME Congress web site (www.asme.org/congress) for further information and see how the technical program is taking shape.

We look forward to seeing everyone in Seattle for another successful Congress, the ASME's premier event.

Said Jahanmir
2007 Congress Chair