



Metro Detroit Section

September 2005

Upcoming Section Events

Tool-Chain for Rapid Prototyping of Distributed Embedded Systems

Date: Wednesday, Sep 21, 2005
Time: 7:15pm reception, 7:30pm start
Location: Lawrence Technological University
President's Conference Center
21000 W 10 Mile Road, Southfield

Map to event: Click [HERE](#)

Fee: \$0

RSVP: Mary Straffon straftonm@asme.org

Click [HERE](#) for detailed information on all events

Future Combat Systems for the US Army

Date: Thursday, Oct 6, 2005
Time: 6:15pm reception, 6:30pm start
Location: Oakland University, Room: TBA

Fee: \$0

RSVP: Mary Straffon straftonm@asme.org

Volunteer Leadership Orientation

Date: Sunday, October 16, 2005

Time: 1 – 3PM

Location: Nachi Robotic Systems

22285 Roethel Drive

Novi, MI 48375

RSVP: Kent Alverson

Join us for an interactive 2-hour session for student section leaders and professional members who are interested in taking a more active role within ASME.

2006 Skip Barber Track Day

Topic: Vehicle dynamics and driving race cars

Date: 2006 May (To be announced)

Location: To be announced

Fee: \$1,600 per driver (family members viewing event are admitted free)

Max seating: 20

RSVP: Tom Libertiny 248-877-2535

www.asmedetroit.com/



2005-06 Metro Detroit Executive Team

Chair – Executive Committee / Outreach Committee

Kent Alverson 248-506-7125 alversonk@asme.org

Vice Chair – Membership / Programs Committee

Mary Straffon straftonm@asme.org

Treasurer – Industry Committee

Tom Libertiny 248-877-2535 libertinyt@asme.org

Secretary – Newsletter & Student Relations Committee

Emmanuel Legbeti Emmanuel.O.Legbeti@jci.com

Volunteer with the Metro Detroit Section!

The Metro Detroit Section Officer Team is actively searching for Section members to volunteer with the many exciting events planned for the upcoming year. We need your help to plan, organize, and promote these events and make them all a success. Contact any of the officers for more details.

Message from the Chair

I would like to share some exciting local developments with you as we enter the ASME 2005-6 fiscal year. First, we are now the Metro Detroit Section. We appreciate the membership feedback on this name change. While no name may be a perfect fit for a section that stretches from Windsor to Ann Arbor, the new names affirms our ties to Detroit and to the automotive industry that was born in the garages of industrious engineers and that presently employs a majority of our local membership. Second, we have adopted the theme of "Engineering the Future" to reflect our focus on improving the community in which we live by helping develop our future engineers and leaders. You will find a list of volunteer opportunities within this newsletter and on the website. Speaking of the website, we also have a new home that is located at www.asmedetroit.com.

This is a challenging time for local sections. The field offices that once supported student and professional sections have closed; all funding to sections is being phased out; and the impact of significant budget cuts is resonating throughout the society.

Our section leadership has not been deterred by this uncertainty and we remain committed to providing value to our local membership with a focus on professional development and community service. We plan to continue to be a trendsetter within the organization by developing events that appeal to members of all ages and interests. We are busy planning a full slate of programs and events for the year. I'd like to thank all who completed the surveys at section meetings last year and we are focusing our energies towards those services and events that are of greatest interest and value to our membership.

Because a team of local volunteers organizes all of our activities, our section depends on the involvement of our 2000+ members. If you would like to join the section leadership team, please don't hesitate to contact me for a list of volunteer opportunities.

Best regards,

Kent Alverson

ASME News Is Now Online!

As of August 2005, ASME News will be available to membership exclusively online at <http://www.asmenews.org>

When a new issue of ASME News is posted, a special announcement will appear on the ASME homepage and on Mechanical Engineering magazine online's *only on M.E. Magazine box* (located in the table of contents page of the magazine).

Celebrating 125 Years of ASME

ASME Anniversary comic's next episode:
Check out the next installment of "Heroes of Engineering," a comic series featuring the lives and innovation of great engineers, scientists and inventors who have change our world for the better. The series is a must-see for comic book lovers of all ages. Learn and explore the exciting world of engineering in living comic-color.

Read all about it online
at <http://anniversary.asme.org/comicbook.shtml>

Join Us for the 2005 IMECE

Don't miss the 2005 ASME International Mechanical Engineering Congress and Exposition. This year, the IMECE, which will take place from Nov. 5-11 at the Walt Disney World Swan & Dolphin Hotel in Orlando, Fla., will feature over 600 technical sessions in over 40 fields.

In addition, a number of workshops, seminars and hands-on product demonstrations will take place at the Exposition.

This year's keynote speaker is Colonel Mike Mullane, NASA Shuttle astronaut and novelist. Mullane has been inducted into the International Space Hall of Fame and is the recipient of many awards, including the NASA Space Flight Medal.

For more details on this year's IMECE, visit the <http://www.asmeconferences.org/Congress05/>

ASME's 25th Young Engineer's Forum

Nov. 6, 2005 7 am – 5 pm
Walt Disney World Swan and Dolphin hotels
Registration: \$45 in advance, \$50 onsite

At the 2005 Young Engineer's Forum you can:

- Find out what you didn't learn in engineering school – and what to do about it now
- Get tips on how to ace an interview
- Talk to executives about the future of their industries
- Realize your dream of starting your own business venture
- Learn to communicate better with management
- Discover your inner 'networker'
- Spruce up your resume

And much more...

For a complete program, including registration information, visit www.asme.org/yef

ENGINEERING THE FUTURE – Community Outreach Initiatives

Engineers in the Classroom Speaker

Minimum Commitment: 1-hour classroom presentation(s) plus preparation time

Our Engineers in the Classroom program enters its fourth year. Share your knowledge and experiences as an engineer with grade school students throughout the area. Volunteers prepare a presentation on engineering or related fields using available materials and/or their own ideas. Just a few hours encouraging and inspiring a child can have profound ripple effects that change the child's future goals forever. You will arrange the date and time directly with the assigned teacher.

T-Mentor Program

Minimum Commitment: Varies

Serve as a technical advisor to a local science or mathematics teacher. You should be available to assist the teacher with developing lesson plans and understanding of technical material. Time commitment is flexible, and can involve face-to-face, email and/or phone contacts with your assigned teacher.

College Mentoring Program

Minimum Commitment: Varies

Mentor a local engineering student by providing advice and sharing your experiences as an engineer. Program may involve email, phone and/or face-to-face meetings as decided between you and your mentor. There will be a luncheon for all participants at the end of the school year.

E-week 2006 Planning Committee Member

Minimum Commitment: a few hours per month through February

Our section plans to once again participate in National Engineers Week (February 20-26). This year we plan to continue our middle school outreach programs as well as add a marquee event featuring high profile speakers from the automotive industry.

First Lego League Team Advisor

Minimum Commitment: 1 hour for 6 weeks

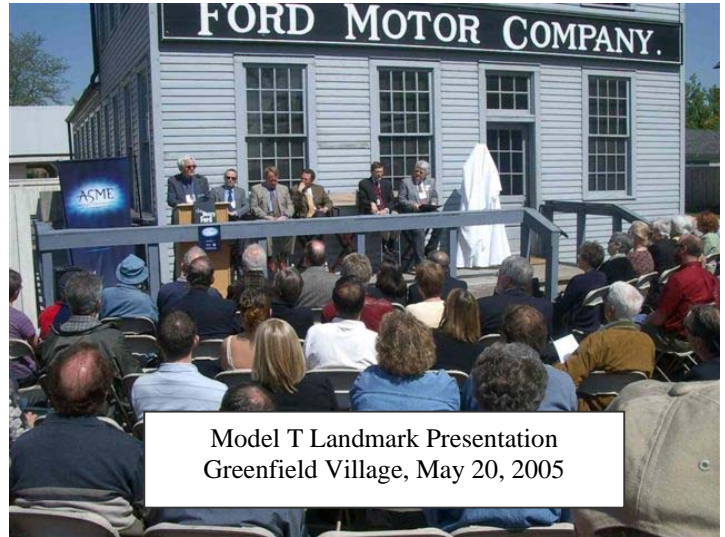
As a team advisor, you should expect to give at least an hour per week for 6 weeks acting as a technical mentor to a team of middle school students led by a teacher advisor. They will be designing and programming electro-mechanical systems using Lego kits. The regional tournaments are held at the end of November. Most of the teams meet after school and the schools are located throughout the city of Detroit. This is a rewarding experience for all involved and you will be impressed by the creativity, enthusiasm and problem solving abilities of these young students.

Visit the FLL website at <http://www.firstlegoleague.org/>:





2004-5 Awards Banquet Photos
Ritz-Carleton (Dearborn), April 27 2005



Model T Landmark Presentation
Greenfield Village, May 20, 2005

Return Address
5305 Wing Lake Rd.
Bloomfield Hills, MI 48302

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Upcoming Events

- 9/21 Tool-Chain for Rapid Prototyping
of Distributed Embedded Systems
- 10/6 Future Combat Systems
- 10/16 Section Volunteer Leadership
Orientation
- 11/5 International Mechanical
Engineering Conference &
Exhibition (IMECE)
- 2/20 National Engineers Week
- 5/5 Awards Dinner (Ritz-Carleton)
- TBD Skip Barber Track Day