

Dallas Leading Edge

Institute of Industrial Engineers (IIE) - Supporting Your I.E. Career



May 2008

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American Airlines Center Tour

On Friday, June 13th we will be meeting at the American Airlines Center just north of Downtown Dallas for a tour. This tour begins at noon, and is open to all IIE members, co-workers, friends and family.

Please RSVP to Russ Aikman (email: raikman@uta.edu) to reserve your spot for this tour.

WHAT: Tour of American Airlines Center

WHEN: Friday, June 13th

TIME: Noon to 1:00 PM – *Please arrive by 11:45AM. Tour lasts ~1 hour.*

ADDRESS: 2500 Victory Avenue (North Entrance on All Star Way)

WHERE TO MEET: North Fan Shop

WHERE TO PARK: Free parking at Lot F (across from North Fan Shop)

CONTACT AT AAC: Christina Tebbe (214-665-4123)

IIE CONTACT: Chad Frye (cell)

FEE: Adults - \$5, Children - \$3

DIRECTIONS: http://www.americanairlinescenter.com/directions-and-parking/directions_map.php

Opened in 2002, the American Airlines Center (AAC) was designed by David M. Schwarz/Architectural Services, Inc. and HKS, Inc. The team combined architecture and technology to give Dallas a beautiful, fan friendly venue with lots of hi-tech touches. From its sweeping signature arches to the retractable seating, American Airlines Center's unique features single it out as the premier sports and entertainment venue in the country. The "All Access Experience Tour" of the AAC gives you the opportunity to go behind the scenes and get an insider's view of the inner workings of this fast paced industry.

The AAC Tour offers an educational and interactive experience. We will begin in the Bowl where little known facts are revealed such as Building Logistics and Event Conversion. Then it's off to the Event Level, where the magic begins. You will visit the Platinum Club, a Luxury Suite, Party Rooms, as well as other locations in the Building.

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Member Activities**Annual Science & Engineering Fair**

On Saturday, March 29th, the Annual Dallas Morning News Regional Science & Engineering Fair was held at the Automobile Building in Fair Park. The Dallas Chapter of IIE was well represented with a team of judges that consisted of Arturo Villareal (Pepsi), Jerry Brett (BAE Systems), and Russ Aikman (Texas Manufacturing Assistance Center). As in the past, this year's competition included both junior high and senior high school students from throughout North Texas.

The goal of the judges was to find the science project that best exemplified industrial engineering practices. This is a difficult task, as few students – or even their teachers – understand exactly what IEs do. The task was made even more daunting by the fact that the judges had to sort through literally dozens of projects. Our IIE Team began by looking over a list of all senior-level projects in an effort to find those that appeared to be most likely to use IE principles. We then walked through for a cursory examination of the projects before huddling to narrow the list of likely candidates. In the process we saw projects with humorous titles (*Krazy Kiwi and Man vs Dog*) and serious topics (*The Methyl Tertiary Butyl Ether in Surface Water* and *Identifying Biomarkers of Lupis Nephritis*).

The IIE team settled on six projects that warranted a more detailed review, and then spent several minutes chatting with each student. This was a chance for each student to shine, and most of them did so in these brief Q&A sessions. Overall, we were impressed with the knowledge and hard work of the students, each of whom had been previously recognized as having outstanding projects at their individual schools.

Our winner for the best use of industrial engineering principles was **Hari Raman**. A sophomore at Clark High School in Plano, Clark received coaching from his science teacher, Cathy Bambenet. For his project Clark was inspired by his grandmother, who is a diabetic. His project was titled: *No More Shots! Creating a Noninvasive Glucose Monitor*. Hari decided to use an RFID reader to check the blood sugar level in a person's bloodstream. In his initial research Hari was told that the RFID reader would not work for this application. Undeterred, he continued with his research by trying different methods until settling on one that showed the efficacy of this approach on a very basic level. He went on to develop a mathematical model based on his findings.

The judges were impressed with Hari Raman's persistence and vision in his science fair project. We think he has a bright future – possibly as an Industrial Engineer! He received a \$100 check as an award from IIE, and participated in the Dallas Morning News Awards Banquet along with other award winners in April.

June Meeting

Monday June 23, 2008

Speaker: Penni Nelson

Topic: Risk Managers, what they do and how they do it.

The Speaker will cover what risk managers, what risks are considered, how they are measured, and how they put together programs to either retain the risk or mitigate the risk. The discussion will include current situations that affect all of us and our various organizations.

Time: 6:30 pm Networking
7:00 pm Order off the menu (it is extensive)
7:30 pm Speaker begins

Location: Ed's Deli
SW corner of LBJ and Preston Road in the Strip Center
(turn near Chili's and head west along the shopping center,
Ed's is about 2/3 way down)

RSVP: 469-446-8841, your RSVP is not required but it will assist us in making arrangements with Ed's Deli

Upcoming Events Schedule

June 13th - Tour of American Airlines Center 12 noon

June 23rd - Meeting: Risk Mangers, what they do and how they do it

July 26th - Strategic Planning Session – 9:00 – noon

We will discuss how to serve the greater Dallas - Ft Worth area if we are able to complete the chapter merger.

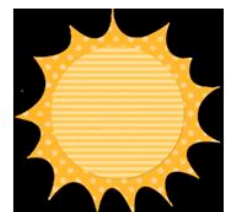
Location: the office of Transolutions LLC, compliments of Gloria Bender. This office is on the south side of Trinity Blvd where Amon Carter Blvd T's into Trinity Blvd (off of Hwy 360).

14600 Trinity Blvd., Ste. 200

Fort Worth, Tx 76155

817-359-2954 office

RSVP to assist with planning



August TBD – Social meeting to kick off our program year



President's Message

Hello old and new friends. The Dallas Chapter of IIE hit a slump in our activities over the past year but we are back with that proverbial vengeance. Rest assured the diligent officers of this chapter have been keeping up with our record keeping and we are in good standing with the international office of IIE.

About 16 months ago the officers and other interested parties in the Dallas and Ft Worth chapters of IIE met to discuss the requirements and implications of merging the two chapters. At that time the members of the Ft Worth chapter present at the meeting decided to try rejuvenating that chapter. We met again in May to again discuss the requirements of merging the chapters. Ed Wolfram, current Treasurer Ft Wroth IIE, will instigate the vote of the members of the Ft Wroth Chapter. If we complete this action there will be many challenges to offering a variety of meeting locations and topics to retain the interested of such a widely dispersed group.

The Summer Strategic Planning Session will be held July 26th at the office of Transolutions, LLC in Ft Worth (near DFW airport). I invite all members of both chapters to attend this meeting so we can plan a strategy to serve all members.

We will once again kick-off the fall program year with a social in August so look for details just after our planning session.

Warm Regards,
Susan Wright

Newsletter Editor's Message

It has been great to be a part of the Dallas IIE family over the last five years. I am very thankful to have had the opportunity to work with so many amazing people. This will be my last newsletter for our Dallas chapter. I have recently accepted a new, exciting role with my company that will include extensive travel. I will, therefore, be unable to continue my current position as newsletter editor. I have grown up with the Dallas Chapter, beginning in college and continuing through my professional life. Thank you to each of you for being so very kind and welcoming. I hope that you will join me in celebrating this new role and chapter in my life.

Sincerely,

Carrie Bradley



Institute of Industrial Engineers
Dallas Chapter Number 10
2115 Royal Oaks Drive
Irving, TX 75060



Dallas IIE Chapter Meeting Schedule

For latest updates visit our website
<http://www.geocities.com/dallasiiie/>

Reminders:

Tour

Event: American Airlines Center
Date/Time: June 13, 2008, 12 pm
Location: 2500 Victory Avenue



The Dallas Leading Edge is the official publication of the Institute of Industrial Engineers, Dallas Chapter No. 10, a nonprofit, 501(c)(3) organization under the U.S. tax code. The Dallas Leading Edge is published monthly to bi-monthly as a service to its members. It serves the needs of business problem solvers, consultants, engineers, and managers who apply industrial engineering and business analysis methods and techniques to improve productivity and quality, integrate people and business systems, and re-engineer business processes within their organizations. It is distributed free to members. Subscriptions are available to non-members for \$12 a year.

1/4 Page Ad Rate
\$50

1/2 Page Ad Rate
\$75

1 Page Ad Rate
\$100

Board of Directors

Note: IIE Career Leads & Events
are Posted on our IIE Website
<http://www.geocities.com/dallasiiie>



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Student Affairs	OPEN	

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