



the Pittsburgh Sampler

The Newsletter of the Pittsburgh Chapter of the Institute of Industrial Engineers

www.engr.pitt.edu/industrial/iie/

August 2007

INSIDE THIS ISSUE...

- 1 IIE August Program
- 2 President's Message
- 2 CaffIIEne Breaks
- 3 Membership Report
- 4 Recap of the July Program
- 5 IIE Pittsburgh Job Bank
- 6 BOD, Leadership Team & Committee Member Directory
- 7 Treasurer's Report
- 8 Upcoming Events



IIE PITTSBURGH CHAPTER

Region 1, Chapter #3

Pittsburgh Chapter website:
www.engr.pitt.edu/industrial/iie/

National IIE website:
www.iienet.org



IIE August Program: A Tour of Inventionland

Alaina Hill, 2007 Programs Chair

Date: Tuesday, August 28, 2007



Speaker: George Davison, *President & CEO*, Davison International, Inc.

Time: 11:30 am - 12:00 pm -- Registration, Lunch & Intros
12:00 pm - 1:30 pm -- Tour, Q&A and Wrap-Up

Location: Davison International (Inventionland)
RIDC Park
Exit 10 off of Route 28 (Exact directions to follow)

Cost: \$15 members*; \$20 non-members*; \$5 students
Cash or check accepted at the door. Please make checks payable to 'IIE'. Dress is business casual.
* A boxed lunch will be provided & available beginning at 11:30.

Registration: R.S.V.P. by *Thursday, August 23rd* to Alaina Hill (ahill@hbmaynard.com) or via the upcoming evite invitation (to be sent to your current email address on record).
As always, your reservation is your commitment.

Questions: Contact Alaina Hill (412.921.2400 ext. 239) or ahill@hbmaynard.com

Inventionland is an amazing facility located in RIDC Park in the north part of Pittsburgh (exit 10 off of route 28). The facility looks like the inside of a theme park where the employees (engineers and inventors) invent toys inside of a pirate ship, work on electronic-based products inside of a giant robot, design hunting and fishing gear in a waterfall cavern... the list goes on and on!

The website below directs you to Inventionland's home page where there is a link for a video tour (highly recommended!) as well as a link for the different types of departments and industries that it is involved with:

<http://www.inventionland.com>

Our program will involve a tour with one of Inventionland's inventors, a word from George Davison (the founder and CEO) and a Q&A session.

Please consider bringing a friend or co-worker and introducing them to IIE!



President's Message

Jon Huesdash, President

Greetings, everyone! I hope this Newsletter finds you well (and cool)!

I wanted to take a few minutes and relay a great experience our Chapter had with Habitat for Humanity during last month's program (for a complete wrap up on the program, see Dave Jones' Program Recap on page 4) The idea to hold a program with the Pittsburgh Habitat for Humanity came from the membership feedback we received at the Membership Outreach program at the Hard Rock Café last fall. This program served as a formal introduction with Habitat for Humanity and allowed us to present how industrial engineering skills can be utilized within their organization. To do this, we presented the IE tools and techniques we used in our project with the Three Rivers Art Festival. Afterwards, in a brainstorming session with the Habitat for Humanity Leadership Team, we were able to identify opportunities such as work flow design, job site organization and Visual Method Sheets and training procedures for new volunteers.

In addition to the evening, we were able to raise \$800 in donations for the Pittsburgh Habitat for Humanity. It was a great team effort as H. B Maynard and Company, Inc. sponsored the Program and donated Pirate tickets, and IIE contributed all Program proceeds back to Pittsburgh Habitat for Humanity. Thanks goes out to everyone involved!

If you would like to get involved with Pittsburgh Habitat for Humanity and lend your IE expertise (or if you would like to swing a hammer for a day!) please let us know by contacting Alaina Hill at ahill@hbmaynard.com. They would love to have the help.

As a preview of upcoming events as we head into the fall

season, we have some great programs lined up:

- **Inventionland** - our August Program is scheduled for Tuesday, Aug 28th. Davison, Inc. has an unbelievable facility cleverly named Inventionland, where their office environment has drawn comparisons to a mini-Disneyland for inventors.
- **Industrial Engineering Expert Panel** - our September/October Program scheduled for Wednesday, October 3rd will host a panel of IEs to address questions and discuss how our profession is adapting to the constantly changing world in which we live. This panel will be held at Robert Morris University, which is currently beginning their first year of an Industrial Engineering Program.
- **Student Night** - Our Annual Student Night is scheduled for Oct 23rd. The keynote speaker this year will be John Innocenti, who is the COO and Senior Vice President at UPMC.

Make sure to mark your calendars for these upcoming events - we hope to see you there!

As always, if at any time you have any feedback or questions, please contact me at jhuesdash@hbmaynard.com. I look forward to working with each one of you and continuing to serve the Pittsburgh Chapter!

Regards,

Jon Huesdash



CaffIIEne Breaks'07

Network with your IIE Pittsburgh Chapter over coffee... and bring a friend along! Come & go as you please. Questions? Contact Alaina Hill at ahill@hbmaynard.com.

Date	Time	Coffeehouse	Location
Thursday, September 6	5:00 - 6:30	Kiva Han Coffee & Espresso	Cranberry 724-742-2326 Cranberry Twp PA 16066
Thursday, October 18	5:00 - 6:30	Starbuck's	Monroeville 4100 William Penn Hwy Monroeville, PA 15146
Tuesday, November 6	5:00 - 6:30	Aldo Coffee Company	Mt. Lebanon 675 Washington Road
Thursday, December 6	5:00 - 6:30	Bee Hive	South Side 1327 E. Carson Street



Membership Report

Bill Wiehagen, Membership Chair

As of the end of July, the Pittsburgh Chapter membership remained healthy at 184 members. A few recent additions to our Chapter include **Kevin Hoffmann**, **Carrie Bufalini** and **Heather Buchleitner** who recently joined or transferred into our Chapter. Welcome!

Kevin is working toward a graduate degree in the IE Department at the University of Pittsburgh. He earned his B.S. in Electrical Engineering from Notre Dame and works at MAYA Design (a technology usability consulting company) on the South Side. He lives in Avalon with his wife Cathy and daughter Kate.

Our chapter would also like to send good wishes to **Matthew Bailey** who transferred out of our chapter. We wish you the best!

Membership Committee: We are fortunate to have some very active members as part of our chapter who are helping to lead and focus our organization. **Mike Lalle** is one such member. He is employed by UPS in New Stanton, PA and has been a member of the Pittsburgh Senior Chapter of IIE since 2000. He has served the chapter as the Treasurer in 2002 and 2003, and is currently serving on the membership and programs committees. Mike graduated from the University of Pittsburgh in 1999 with a B.S. in Industrial Engineering, and earned his M.B.A. from Robert Morris University in 2003. In his spare time, Mike enjoys reading, dining, and athletics. Together with his wife Erica, they have three children, Brenden, Eric and Hannah. The boys are both 2 years old and Hannah was born on June 20, 2007. Congratulations to Mike and Erica!

got news?

Do you have pictures or news you'd like to share with the Chapter?
 An engagement, wedding or birth announcement? Promotion?
 Retirement? Unique vacation or trip?

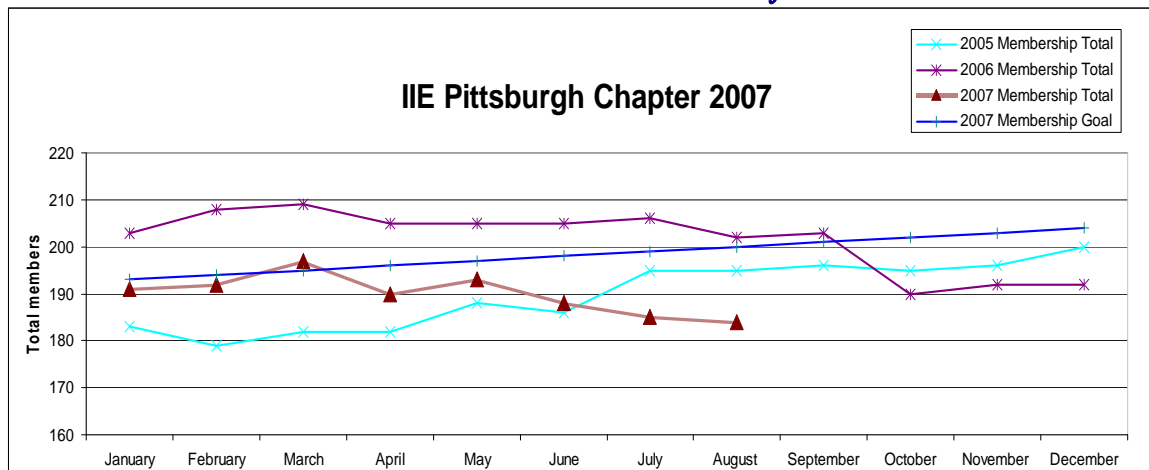
Email Emily Trifaro, Communications Chair: etrifaro@comcast.net
 to include your news in the next newsletter!

IIE Membership Trivia: There are a variety of membership grades and status available through IIE. As you know, IIE members can apply for senior status. The [requirements](#) for senior membership are not age related, but do vary according to one's educational degrees and years of practice in the profession. To see if you qualify for senior status, check out the IIE website for details.

There are also a number of firms that offer discounts to IIE members (e.g. shipping via UPS). If you have not checked it out recently, it might be worth a try! And, as always, if our membership committee can help you with any IIE membership issues, please contact me at wwiehagen@comcast.net. And, if you know of anyone we might contact to introduce our society, please let one of our committee members know and we will provide them with information about IIE National as well as our Pittsburgh Chapter.

Wishing you the best over these summer months!

Bill Wiehagen



Have you looked around your office lately?

If you know other industrial engineers or people working in an industrial engineering capacity, encourage them to come to one of our upcoming meetings and join IIE. Membership forms are available at IIE's home page <http://www.iienet.org> or you can contact **Bill Wiehagen** at wwiehagen@comcast.net.

Don't forget about our Finder's Fee program for Pittsburgh Chapter members that recruit new members to join our chapter. When new members are recognized on the chapter membership report, a gift certificate to attend a free program will be sent to the referring member. Please contact **Bill Wiehagen** if you have recruited someone to join IIE.

Note: If your contact information changes (i.e. address, company, phone number, e-mail address), please contact IIE National or make the changes yourself on the IIE National website, www.iienet.org. Their phone number is (770) 449-0460 or 1-800-494-0460. Once you contact IIE National, your address change should be reflected on our next mailing list, which is received from IIE National each month.

July Program Recap: Habitat for Humanity

Dave Jones, Programs Committee

The July Program was held at the Pittsburgh Habitat for Humanity located in Duquesne (near Kennywood Park) on July 26th. There were 12 individuals in attendance, including student chapter members and four representatives from Habitat for Humanity. Attendants represented Rockwell Automation, Curtiss Wright EMD, and H. B. Maynard and Company.

In addition to being the July IIE program, this event served as a fundraiser to support the Pittsburgh Habitat for Humanity. Thank you to Maynard who sponsored this event and donated Pirate tickets. Thanks go out also to those in attendance and many others who gave a donation. With Maynard covering the event costs and IIE contributing all program proceeds, the registration fees were donated in full to the Pittsburgh Habitat for Humanity. The Pirate tickets were raffled off and the winner was Nancy Kuchar, a Maynard employee. The total amount donated to the Pittsburgh Habitat for Humanity was \$800.

The evening started with a tour of the Habitat office. Upon arrival, an interesting tidbit was shared with the group: that the conference room used for the presentations is thought to have once been Andrew Carnegie's office.

After dinner, Dave Jones introduced Maggie Withrow (executive director). Maggie was born and raised in South Hills, Pittsburgh and earned a BS in Education from Duquesne University. She moved to Kentucky for 14 years where she worked for various companies and earned an MBA. Maggie then moved to Tennessee for 14 years where she continued work and began as a volunteer with Nashville Habitat. In 1994, she helped complete Nashville's first all women-built house. She went on a Habitat mission trip to Mexico in 1997, an experience that changed her life. Maggie has been with Pittsburgh Habitat since 2003.

Maggie then introduced representatives from the Pittsburgh Habitat including David Weisberg (Board of Directors Chair), Randy Brubaker (Director of Construction), and Doug Zeak (Construction Supervisor).

Maggie gave a brief presentation about Habitat for Humanity and the Pittsburgh Habitat. In 1976, Millard Fuller founded Habitat for Humanity with the words, "All God's people deserve a simple, decent place to live." Pittsburgh Habitat for Humanity is one of over 2,300 affiliates of Habitat for Humanity International, a non-profit Christian housing ministry working in over 100 countries, including all 50 states in the USA, working together to eliminate poverty housing worldwide. The Pittsburgh Habitat has been in existence since 1986. To the present time, there have been 56 homes built in several locations around the Allegheny County.

Dave Jones and Jon Huesdash then presented on "Applying Industrial Engineering to improve our community". Highlights were presented from a recent project assisting the Three Rivers Arts Festival. This project highlighted the use of various Industrial Engineering tools including Principles of Best Methods, Method Documentation, Setup Reduction, Work Flow Analysis, Process Flow Charting, and Principles of Visual Systems. Dave and Jon then highlighted some ideas for how IE's can help the Pittsburgh Habitat. The presentation concluded with group discussion and brainstorm.

Finally, the group visited the nearby site of the current house under construction which is nearing completion. During this time, the Pittsburgh Habitat construction experts gave a tour of the site and guided a Q&A session. This program was a success on many fronts, including the prospect of assisting the Pittsburgh Habitat in the future. Please contact Alaina Hill if you are interested in getting involved and applying your IE skills on a construction site!



IIE Pittsburgh Job Bank

Associate Management Engineer – Operations Standards Division

Job Description:

Located in New York, NY, with the Port Authority of NY & NJ, this full-time position requires a Bachelor's Degree with 1-2 years experience, and 0% travel.

Responsibilities:

The Port Authority of New York and New Jersey is a bi-state public agency responsible for promoting transportation and commerce, operating some of the busiest and most important transportation links in the region including bridges, tunnels, bus terminals, airports, PATH, AirTrain systems, and the NY/NJ seaport.

Operations Standards Division is an internal management consulting group that assists Port Authority Executive Management, line and staff departments in accomplishing their business objectives in the most effective and efficient manner.

The professionals in the Division evaluate functions, operations and processes; develop recommendations for improvement; and provide assistance during implementation. As an Associate Management Engineer you will assist senior staff members in the Division in conducting a wide range of management analysis and Industrial Engineering consulting projects to assist the organization in improving the effectiveness and efficiency of current and proposed activities.

Projects may include evaluation of workload/staffing requirements, operational planning and improvement studies, process improvement/reengineering, policy and program analysis, facility layout, and labor scheduling. These projects will require the application of general management principles as well as Industrial Engineering, Operations Research, statistical and economic analysis techniques such as work measurement, computer simulation, cost-benefit analysis and benchmarking.

The position requires a Bachelor's or Master's Degree in Industrial Engineering, Operations Research or Engineering Management Systems; strong analytical and problem solving skills; working knowledge of Industrial Engineering principles, techniques and practices; excellent interpersonal, oral and written communications skills; good knowledge of general management principles including project management; and proficiency in personal computer applications including Word, Excel, Access and Power Point.

We offer a competitive salary and outstanding benefits package and a professional environment that supports development and recognizes achievement. Interested candidates should submit their resume, cover letter, and a writing sample to resumes@panynj.gov by September 3rd, 2007. Please reference "Associate Management Engineer" in the subject line of your email.

For more information, please visit us at <http://www.panynj.gov/>

Equal Opportunity Employer

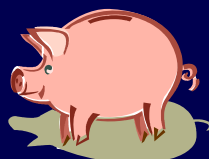


Job Bank Submissions

The purpose of the job bank is to match qualified IIE professionals with employers.

If you or your company are looking for new employees, send a description of the position you wish to fill to the address below. We will publish your position in our monthly newsletter. Please include a phone & fax number, address and email so interested parties can contact you directly. Please send all jobs to:

Emily Trifaro
H. B. Maynard and Company, Inc.
Seven Parkway Center
Pittsburgh, PA 15220
etrifaro@comcast.net



You can also advertise your job openings on the Pittsburgh IIE Chapter website:

<http://www.ie.pitt.edu/IIE/jobs.html>

2007 Board of Directors, Officers and Committees Directory

	POSITION	NAME	COMPANY	ADDRESS LINE1	PHONE		
BOARD OF DIRECTORS	Board Chair (3rd Year)	Jay Rajgopal rajgopal@pitt.edu	University of Pittsburgh	1039 Benedum Hall, Dept. of IE Pittsburgh, PA 15261	412.624.9840	w	
	Board (3rd Year)	Karen Bursic kbursic@engr.pitt.edu	University of Pittsburgh	1048 Benedum Hall, Dept. of IE Pittsburgh, PA 15261	412.624.9837 412.889.2754	w c	
	Board (2nd Year)	Mark Coffey mcoffey@ups.com	UPS	521 N. Center Ave. New Stanton, PA 15672	724-925-4771 724.622.5557	w c	
	Board (1st Year)	Jeff Arnold jarnold@hbmaynard.com	H. B. Maynard & Co., Inc.	Seven Parkway Center Pittsburgh, PA 15220	412.921.2400 x245 412.973.1748	w	
OFFICERS	President *	Jon Huesdash jhuesdash@hbmaynard.com	H. B. Maynard & Co., Inc.	Seven Parkway Center Pittsburgh, PA 15220	412.921.2400 x293 724.433.9720	w c	
	Vice President *	Michael Foss mdfoss@fedex.com	FedEx Ground	1000 FedEx Dr. Moon Township, PA 15108	412.859.5851 412.651.8366	w c	
	Secretary *	Emily Kaszycki ekaszycki@hbmaynard.com	H. B. Maynard & Co., Inc.	Seven Parkway Center Pittsburgh, PA 15220	412.921.2400 x281 412.606.1305	w	
	Treasurer *	Ben Rath Ben.Rath@gianteagle.com	Giant Eagle, Inc.	701 Alpa Drive Pittsburgh, PA 15238	724.816.1086	w c	
COMMITTEES	Programs Chair *	Alaina Hill ahill@hbmaynard.com	H. B. Maynard & Co., Inc.	Seven Parkway Center Pittsburgh, PA 15220	412.921.2400 x239 412.720.3429	w	
		Mark Buntain buntainm@ace-net.com	Applied Control Engineering			w	
	Programs Committee		Dave Jones djones@hbmaynard.com	H. B. Maynard & Co., Inc.	Seven Parkway Center Pittsburgh, PA 15220	412.921.2400 x279	w
			Suzanne Moses suzanne.moses@fedex.com	FedEx Ground	1000 FedEx Dr. Moon Township, PA 15108	412.859.2325	w
			Jerry Nassar jrnassar@nscorp.com	Norfolk Southern Railroad	Foster Plaza Pittsburgh, PA 15220		
			Stephanie Page stephpage03@hotmail.com	USX			w
			Doug Rabeneck drabeneck@hbmaynard.com	H. B. Maynard & Co., Inc.	Seven Parkway Center Pittsburgh, PA 15220	412.921.2400 x146	w
			Steve Tracy stracy@hbmaynard.com	H. B. Maynard & Co., Inc.	Seven Parkway Center Pittsburgh, PA 15220	412.921.2400 x207	w
			Stephanie Vasiloff svasiloff@hbmaynard.com	H. B. Maynard & Co., Inc.	Seven Parkway Center Pittsburgh, PA 15220	412.921.2400 x326	w
	Membership Chair *	Bill Wiehagen wwiehagen@comcast.net		643 Woodcrest Dr. Pittsburgh, PA 15205	412.489.5188	h	
	Membership Committee		Steve Brady sbrady@hbmaynard.com	H. B. Maynard & Co., Inc.	Seven Parkway Center Pittsburgh, PA 15220	412.921.2400 x269 412.657.4530	w c
			Jen Caproni jennifer.caproni@fedex.com	FedEx Ground	1000 FedEx Dr. Moon Township, PA 15108		
			Pat Daley pdaley@hbmaynard.com	H. B. Maynard & Co., Inc.	Seven Parkway Center Pittsburgh, PA 15220	412.921.2400 x290	w
			Mike Lalle mlalle@ups.com	UPS			
			Terra Mitchell tmitchell@ups.com	UPS			
			Danny Rubenstein Drubenstein@MEDRAD.com	MEDRAD, Inc.	1 MEDRAD Drive Indianola, PA 15051	412.767.2400 x3352	w
			Mike Speese mspeese@ups.com	UPS		724.925.4775	w
			Susan Sullivan sullivas@genco.com	GENCO	100 Papercraft Park Pittsburgh, PA 15238	412.8203857 412.867.9937	w c
			Katie Welsh katherine.welsh@fedex.com	FedEx Ground	1000 FedEx Dr. Moon Township, PA 15108	412.859.2276	w
	Student Relations Chair *	Karen Bursic kbursic@engr.pitt.edu	University of Pittsburgh	1048 Benedum Hall, Dept. of IE Pittsburgh, PA 15261	412.624.9837	w c	
	Communications Chair *	Emily Trifaro etrifaro@hbmaynard.com	H. B. Maynard & Co., Inc.	Seven Parkway Center Pittsburgh, PA 15220	412.921.2400 x142	w	
Promotion*	Rusty Secrist rsecrist@hbmaynard.com	H. B. Maynard & Co., Inc.	Seven Parkway Center Pittsburgh, PA 15220	412.921.2400 x323 412.337.8901	w c		
Web Master *	Jay Rajgopal rajgopal@pitt.edu	University of Pittsburgh	1039 Benedum Hall, Dept. of IE Pittsburgh, PA 15261	412.624.9840	w		
Community Affairs Chair *	Amy McHenry amchenry@hbmaynard.com	H. B. Maynard & Co., Inc.	Seven Parkway Center Pittsburgh, PA 15220	412.921.2400 x231	w		
Community Affairs Committee		George Lesko glesko@verizon.net					
		Jen Kreke jkreke@pittohio.com	Pitt Ohio Express	15 27th Street Pittsburgh, PA 15222	412.232.3015 x6566 412.600.0796	w c	



Treasurer's Report

Ben Rath, Treasurer



INSTITUTE OF INDUSTRIAL ENGINEERS CHAPTER IRS REPORT			
4/1/07 - 3/31/08			
CHAPTER NAME: PITTSBURGH		CHAPTER NO. 3	
FEDERAL EMPLOYER I.D. NUMBER: 25-6062810		REGION: 5	
	INCOME	EXPENSES	
1. DUES INCOME	\$ -	XXX	
2. INTEREST INCOME	6.39	XXX	
3. CONTRIBUTIONS RECEIVED (A)	-	XXX	
4. CONFERENCES (B)	-	699.70	
5. MONTHLY MEETINGS	850.00	661.99	
6. NEWSLETTERS (B)	-	-	
7. MISCELLANEOUS (B)(C)	-	-	
8. CONTRIBUTIONS AND GRANTS PAID	XXX	-	
9. PUBLICATIONS/NEWSLETTERS	XXX	-	
10. PROGRAMS/MEETINGS	XXX	-	
11. STUDENT DEVELOPMENT (E)	XXX	-	
12. COMMUNITY SERVICES	XXX	30.89	
13. MEMBER SERVICES	XXX	-	
14. OFFICERS & CHAPTER MEETINGS	XXX	-	
15. CHAPTER OPERATIONS SUPPLIES	XXX	-	
16. MISCELLANEOUS (C)	XXX	-	
17. TOTAL	\$ 856.39	\$	1,392.58
ENTER: 18. NET WORTH 4/01/07		\$	10,757.14
ADD 4/01/06-3/31/07 INCOME		\$	856.39
SUBTOTAL	\$ 11,613.53		
LESS 4/01/06-3/31/07 EXPENSES		\$	(1,392.58)
NET WORTH 3/31/07		\$	10,220.95
19. STATEMENT OF NET WORTH			
ENTER (from bank statement): PETTY CASH ACCOUNT		\$	-
BALANCE as of 5/31/07		\$	
ENTER (from bank statement): CHECKING ACCOUNT		\$	7,436.60
BALANCE as of 7/31/07		\$	
ENTER (from bank statement): SAVINGS ACCOUNT BALANCE		\$	2,804.35
as of 7/31/07		\$	
TOTAL *	\$	\$	10,240.95

Upcoming Chapter Events

IIE August Program: A Tour of Inventionland August 28, 2007

Annual Student Night: Speaker - John Innocenti, COO & Senior Vice President, UPMC October 23, 2007



IE Expert Panel

Host: Robert Morris University's SEMS/Department of Engineering
 Date: Wednesday, October 3, 5:00 - 9:00 pm
 Location: Robert Morris University

Theme, panel members and other details coming soon...mark your calendars!

Questions? Call Alaina Hill @ 412.921.2400, Ext. 239



IIE PITTSBURGH CHAPTER