

The Pittsburgh Sampler

A Newsletter Publication of the Pittsburgh Chapter of the
Institute of Industrial Engineers

APRIL 2003

www.ie.pitt.edu/IIE/



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IIE APRIL MEETING

What: Networking Night @ Penn Brewery
(includes brewery tour)

When: Wednesday, April 23, 2003

Where: Penn Brewery
800 Vinial Street, Pittsburgh

Time: 6:00 PM

Cost: \$15.00 – members (includes food, drink, tour & membership networking)
\$20.00 – non-members

Dinner: Appetizer Buffet

RSVP: Please email Suzanne Moses at Suzanne.Moses@fedex.com no later than Friday April 18th.



PRESIDENT'S MESSAGE

Something Different This Month

Many of you have told us that one of the things you value from the Pittsburgh Chapter is "networking opportunities." One of our most popular programs each year is our Student Night in October, which is our best networking program. In a recent member survey, some of you suggested that we provide more networking opportunities.

Well, we listen to our members! For our April program, we are trying something new - we're hosting a spring "Networking Night," where you'll meet many fellow members, discuss experiences, hear about what other companies/colleagues are doing, and maybe even make a new friend or two! It may even lead to a career change or job contact down the road - you never know! You can't have too many contacts!

IE's are the Best... and we're everywhere!

One reason networking is important for IE's is because we are so "spread out" in various industries and job functions. In our Pittsburgh chapter, we have IE's in manufacturing, logistics, software, financial services, consulting, academia, health care, and just about everything else.

Your fellow members are doing some interesting things, and are anxious to meet you (don't ask me why). We'll have some "ice breakers" to get people talking, and will guarantee you'll meet at least one interesting person (I can guarantee that, because I'll be there!)

Come to Our Party!

The cost is reasonable, the venue is fun and convenient, and the talk should be interesting. See details inside, and put it on your calendar. See you at "Networking Night"!

Joe Kikta
IIE Pittsburgh Chapter President
(412) 236-6193
kikta.js@mellon.com

APRIL 2003 PROGRAM

The April IIE program will be a Networking Night held at the Penn Brewery, followed by a tour of the brewery. This event will be on Wednesday, April 23rd at 6:00pm, with an appetizer buffet. We will be participating in various activities aimed at learning more about what IE's do in other companies, and about opportunities that may be available for IE's looking for jobs.

We'd like to see every IIE member join us at the Penn Brewery. Our chapter's membership includes IE's from various companies such as HB Maynard & Co., University of Pittsburgh, FedEx Ground, UPS, US Airways, PNC, PPG Industries, and Westinghouse, as well as other small independent organizations; just to name a few. While these companies are not necessarily committed to being at the Networking Night, it is a great opportunity to mingle with other IE's, share experiences, and even meet IE professionals looking for new career possibilities. So if you are in a company looking to hire IE's, or if you are an IE looking for new opportunities, come to the Penn Brewery on April 23rd. It promises to be a rewarding & enjoyable event.

DIRECTIONS: From Downtown Pgh., take I-279 to Route 28. Take the exit to the right, marked Chestnut Street then turn left onto Chestnut. At the second light turn right to Troy Hill Road. We are 200 yds. on the left. **NOTE:** Normal route from Downtown is the 16th Street Bridge, now closed for repairs until early September 2003. The other detour is across the 31st Bridge. At the end of the bridge, turn left to Route 28 South. Take the exit for East Ohio Street, I-279 North. At the light at the end of the exit ramp, turn right onto Chestnut Street then immediately there's another light where you turn right to Troy Hill Road.

From the north take I-79 to I-279 South to exit 8B (East St.), straight to the third stop light, turn left on East Ohio St., go to second stop light and turn left on Chestnut St., make the first right on Troy Hill Rd.

From the east take the Pa. Turnpike to exit 6 (Pittsburgh), follow I-376 West (the Parkway) to the center of Pittsburgh (the Point) then follow I-279 North to exit 7C (Chestnut St.), follow the signs to Chestnut St. (merging on to, then exiting immediately from Route 28), at the stop sign turn left on Chestnut St., go straight to the second stop light and turn right on Troy Hill Rd.

MEMBER NEWS

ROMAN M. HLUTKOWSKY



Congratulations are in order to **Roman Hlutkowsky** who is the recipient of the 2003 Outstanding Industrial Engineering Alumnus Award for the University of Pittsburgh. Roman is Vice President for Operations Technology and System Support for FedEx Ground. He has over 18 years of experience in the transportation industry, mostly focused on the application of technology to automate field operations. In addition, Roman is a Senior Member of IIE and serves on the Board of Directors for the Pittsburgh Chapter of IIE.

Roman led FedEx Ground's \$80-million initiative to enhance the data available to customers about their shipments. Providing the most detailed tracking information in the small-package ground shipping market, the

applications include the use of handheld wireless scanning devices, wide area networks, packet radio, and local area networks that in tandem provide shippers with same-day package delivery confirmation.

Roman began working for what would become the FedEx family of companies in 1983. He has experience in the nationwide LTL (less than truck load), regional LTL and small package transportation. He also spent one year working with Symbol Technologies, a leader in automatic identification equipment, designing software and hardware solutions for the logistics industry.

A native of Pittsburgh, Pa., Roman earned his BSIE from the University of Pittsburgh in December 1980 and his MSIE in August 1983. For the past two years he has also worked closely with the Freshman Engineering program as a Session Chair for the Sustainable Engineering conference. He is married and has two children.



RECAP OF LAST MONTH'S MEETING

The March program was a tour of the Pittsburgh Tribune Review NewsWorks facility. It was an interesting & informative look at the process behind the printing of this popular newspaper.

Construction of the facility itself began in 1996 and took only 15 months to complete. There are about 150 employees at the facility that run all of the operations from press & production, to editors, reporters & sales. Most news reporting comes out of the Station Square office.

This facility runs both the daily and Sunday Tribune Review papers. They also do a lot of commercial work such as USA Today, Investors Business Daily (IBD), Pittsburgh Sports report to name a few (this is where they make their money).

We toured the three different process areas: the Plate Room, the Press Room, & the Packaging Department.

1. Plate Room

All of the images that will be printed on the paper begin as a graphic design in a computer. These designs are then sent to a machine that transfers the image onto a negative film. These negatives are then burned onto plates, which will eventually be attached to the press cylinders. The images on the plates are then developed further & taken to the press room.

All colors that appear in the newspaper stem from the 4 colors of ink that are used – Blue, Red, Yellow, and Black. To make a color page you have to make 4 negatives, one for each color.

2. Press Room

We saw the IBD being printed during our tour. The presses are 43 ft. high, and have four cylinders stacked one above the next, each to print a different color. After the paper "web" is run through the presses, it is pulled down a former board which puts the middle fold in the paper. It is then cut and folded one more time.

All adjustments to the press machines are done by a touch screen computer located inside a control room. They control the print based on ink density, moisture, pressure, and several other factors.

We were also able to walk around the store room, which houses the enormous paper rolls. The press runs 40,000 papers an hour for the IBD, but is capable of up to 70,000 an hour. Each roll of paper weighs 2,300 - 2,500 lbs, and is about 10 miles long.



3. Packaging Department

This is where they put the inserts together, and assemble them with the final newspaper. They are then bundled up and labeled for the drop site. Independent contractors drive the trucks that pick up the bundles at this point and deliver them.

It was very impressive to see how all of these processes came together in time to meet the deadline. Just think – they do this every day!

TREASURER'S REPORT

	INCOME	EXPENSES
1. DUES INCOME	\$ 800.50	XXX
2. INTEREST INCOME	20.77	XXX
3. CONTRIBUTIONS RECEIVED (A)	-	XXX
4. CONFERENCES (B)	-	-
5. MONTHLY MEETINGS	6,126.25	1,201.77
6. NEWSLETTERS (B)	-	1,316.42
7. MISCELLANEOUS (B)(C)	-	-
8. CONTRIBUTIONS AND GRANTS PAID	XXX	350.00
9. PUBLICATIONS/NEWSLETTERS	XXX	737.78
10. PROGRAMS/MEETINGS	XXX	3,001.83
11. STUDENT DEVELOPMENT (E)	XXX	-
12. COMMUNITY SERVICES	XXX	-
13. MEMBER SERVICES	XXX	-
14. OFFICERS & CHAPTER MEETINGS	XXX	-
15. CHAPTER OPERATIONS SUPPLIES	XXX	56.00
16. MISCELLANEOUS (C)	XXX	-
17. TOTAL	\$ 6,947.52	\$ 6,663.80
ENTER: 18. NET WORTH 4/01/02		\$ 5,491.32
ADD 4/01/02-3/31/03 INC.		\$ 6,947.52
SUBTOTAL	\$ 12,438.84	
LESS 4/01/02-3/31/03 EXP.		\$ (6,663.80)
NET WORTH 3/31/03		\$ 5,775.04
19. STATEMENT OF NET WORTH		
ENTER: PETTY CASH ACCT. BAL.	\$ -	
ENTER: CHECKING ACCT. BAL.	\$ 3,050.48	
ENTER: SAVINGS ACCT. BAL.	\$ 2,724.56	
TOTAL *	\$ 5,775.04	

MEMBERSHIP REPORT


The membership drive has officially come to a close. We have unofficially recruited 22 new members since October. IIE headquarters will send final numbers within the next week. The membership committee would like to thank everyone involved with finding new recruits for the chapter.


The membership total for the Pittsburgh Chapter is at 174 members. The membership activity this month included:


- 3 new members
- 0 transfers in
- 1 transfers out
- 2 reinstated
- 8 dropped


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 Jeff Arnold at (412) 921-2400 x245.

Note: If your contact information changes (i.e. address, company, phone number, e-mail address), please contact IIE National. 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.

<p>Name: Gary E. Lippert Employer: Mine Safety Appliances Company Position: Manager of Industrial Engineering Hobbies: Assistant coach for my kids basketball, softball and baseball teams. I hope to gain...</p>	<p>Understanding of the different software packages available and make the right purchasing decision for our company!</p>	
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<p>Name: Paul Born Employer: FedEx Ground Position: Industrial Engineering Manager Previous Employment: None,,,,,here for 13 years Hobbies: Golf, fishing, boating, and water skiing I hope to gain...</p>	<p>I like the magazine, keeps me current in industry. Also wanted to interact with Industrial Engineers around Pittsburgh</p>	
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<p>Name: Eloisa Marquez Employer: FedEx Ground Position: Administrative Process Engineer Education: I graduated from Western Michigan University with a BSIE in June 2002 Previous Employment: American Axle Manufacturing (Internship) Hobbies: Tennis, crafts, and learning new languages I hope to...</p>	<p>meet other professionals and learn about the different career paths available for IEs</p>	
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<p>Name: Lyle Sclair Employer: Stargate Industries, LLC Position: Technical Support Representative Education: Recent graduate of Pitt Industrial Engineering program. Hobbies: None I hope to gain...</p>	<p>n/a</p>	
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Chapter Directors and Officers

POSITION	PERSON	COMPANY	PHONE	EMAIL
Directors	Doug Rabeneck (2nd year)	H. B. Maynard & Co., Inc.	412-921-2400 x 146	drabeneck@hbmaynard.com
	Kim Needy (2nd year)	University of Pittsburgh	412-624-9838	kneedy@engrng.pitt.edu
	Angela Konop (1st year)	FedEx Ground	412-859-2678	angela.konop@fedex.com
	Roman Hlutkowsky (1st year)	FedEx Ground	412-262-6021	roman.hlutkowsky@fedex.com
	Bobbi Ferguson (1st year)	Curtiss-Wright EMD	724-275-5155	bobbi.ferguson@wxemd.com
President	Joe Kikta	Mellon Financial Corp.	412-236-6193	kikta.js@mellon.com
Vice President	Jeff Arnold	H.B. Maynard & Co., Inc.	412-921-2400 x245	jarnold@hbmaynard.com
Secretary	Barb Grabowski	Alcoa	412-553-2229	barbara.grabowski@alcoa.com
Treasurer	Mike Lalle	United Parcel Service	412-921-8069	mlalle@ups.com
Programs Committee Co-Chairs	Jennifer Palmiero	FedEx Ground	412-859-2836	jennifer.palmiero@fedex.com
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Programs	Janet Whipkey	FedEx Ground		janet.whipkey@fedex.com
	Dennis VanOoyen	FedEx Ground		DennisVanOoyen@fedex.com
	Karen Bursic	University of Pittsburgh	412-624-9837	kbursic@engrng.pitt.edu
Membership Chair	Mike Harris	FedEx Ground		meharris@fedex.com
Membership	Doug Childers	Universal Electric Corp.	412-221-4400	DFC@uecorp.com
Student Relations Chair	Bryan Norman	University of Pittsburgh	412-624-9841	banorman@engrng.pitt.edu
Communications Committee Chair	Greg Smith	H. B. Maynard & Co., Inc.	412-921-2400 x 103	gsmith@hbmaynard.com
Communications	Cindy Tuell	H. B. Maynard & Co., Inc.	412-921-2400 x 126	ctuell@hbmaynard.com
Web Master	Jay Rajgopal	University of Pittsburgh	412-624-9840	rajgopal@engrng.pitt.edu
Community Affairs Chair	Pat Kelly Lee	Executive Toolkit	412-519-5409	pkires@aol.com

NEXT MONTH'S MEETING

We are planning a tour of the Heinz Factory for next month's meeting. More details will follow!

**INSTITUTE OF
INDUSTRIAL ENGINEERS**

**Pittsburgh Chapter
Area I, District 5
Number 3**



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Suite 400
Pittsburgh, PA 15220

Pittsburgh Chapter IIE Website – www.ie.pitt.edu/IIE

National IIE Website – www.iienet.org



2003 Schedule of Events

January 15	Address by IIE National President
February 18	Tour of the Carnegie Science Center & Omnimax Theater
March 27	Pittsburgh Tribune-Review Newsworks Printing Facility Tour
April 23	Networking Night @ Penn Brewery
May	Heinz Plant Tour