



Chapter 47 50th Anniversary

Volume 50, No. 4

Institute of Industrial Engineers
Chapter 47
NEWSLETTER
Greater Detroit Area
Michigan

Oct-Dec, 2006

Visit us on the web at www.iiedetroit.org

Mission:

The Mission of the Detroit Chapter is to promote the advancement of Industrial Engineering by providing professional development information and resources to our customers.

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University of Michigan, Dearborn, Eric Lammers
Wayne State University, George Loudon
Oakland University, Neha Pathan
Kettering University A, Rebecca Lee
Kettering University B, Brian Heath

Greater Detroit Chapter's 50th Anniversary



The Harbour Report
Friday, October 27th
Luncheon



Speaker: Michelle Hill, Director of Benchmarking - North America, Harbour Consulting

The Harbour Report is a comprehensive annual view of how North American automobile manufacturers stack up on clearly defined metrics of productivity. See and hear what the data show about the future.

Cost: Engineering Students = \$10, IIE and ESD and ESD Affiliate Members = \$20, Non-member = \$30 (Cash or Check only) Lunch is provided, buffet style.

Time: 11:00 am Registration, 11:30 am Lunch, 12:10 pm Past President Recognition, and 12:15 - 1:30 pm Harbour Report Presentation

Location: The Gazebo, 31104 Mound Road, Warren, MI, 48091, (586) 979-6030 Please RSVP by emailing gdaltman@gmail.com



4th Annual Lean Six Sigma Symposium

Symposium sponsored by Beaumont University

Thursday, November 3rd

See insert Pages 5 through 8



UofM vs OSU Football Challenge



Can we meet the challenge?

Thursday, November 16th

"Buffalo Wild Wings" on 205 South State Street in Ann Arbor

See Page 4



Holiday Dinner and Officer Inauguration

Friday, December 8th

Mario's of Detroit, 4222 Second Ave.

See Page 4



TABLE OF CONTENTS

President's Message2
Membership Activities 9
October Announcement 3
Membership Report 9
November Announcement 4
Career Development11
December Announcement 4
Chapter Activity Report11
Six Sigma Seminar Nov 3rd5-8
Map for Meeting12
Upcoming Events in 2006.....12

President's Message

By Victor Lloyd



Hello everyone, well Summer is behind us and Fall has all of us off and running back to school, starting new projects or getting caught up on left over tasks delayed by warmer weather and long weekends. Fall always seems like the real reality show of getting back into the game of daily work life on high octane for things to do and the challenge of having limited time to do everything. All of us need to stay on top of the importance of sharpening our professional tool kits so that we can help those companies we work with to realize the benefits that industrial engineers bring to the table. The efforts that each of us gives in remembering to set aside some quality time to improve our abilities of identifying more efficient, cost effective, quality enhanced ways to better meet customer expectations is critical in our profession today and in the future. The Fall season regulars like Cider Mill stops, weekend college football and World Series hopes challenge most of us in addition to the needs of our families to find time to attend weekend or evening classes, refresher courses or opportunities to give back to the community.

The economy we face today will constantly challenge all of us to stay on top of our professional game in order to achieve the steps necessary in attaining the goals to meet competitive pressures for our places of employment. Those days when graduating from college seemed like an end to tests and not missing favorite social gatherings are long past or should be if you desire to be a continuous learner in the life of today's demanding professional environment. Recently, I completed attending weekend Saturday sessions for a class that started in June followed by a big exam. It was a relief to get the class and the exam completed with success. I have shifted my mental paradigm to a focus of continuous learning so much so that I am eagerly preparing for the next chance to sharpen my professional tool kit even more with yet another learning opportunity. It is a learned thirst or hunger that I find important to help keep me updated and in demand for those who I choose to work with and address their needs of my services to offer. Speaking of learning opportunities, I and many others have worked hard to identify speakers and put a program together this year for our 4th Annual Lean Six Sigma Symposium to be held at William Beaumont Hospital on November 3, 2006. We have worked hard to bring together some very talented speakers in the application of Lean Six Sigma tools

in the Health Care and Service Industries. Please plan to join us to network with other professionals in this great learning opportunity. For details please call Wilma Wimmer at 248-645-2424.

On the community front, I am also aware of the great importance of staying in touch with my roots in the Detroit community and how rewarding it is to give back to help others realize their dreams as I have been realizing my own dreams. It is challenging trying to fit work, family, professional development and community activism into the daily task list of priorities. I find that it is possible when one finds the right way to balance these priorities in such a fashion that it brings peace to the soul. For me the rewards of looking into the face of a homeless person or young child that I was able to help make their life better by not only providing food or shelter but equipping them with hope, dreams and opportunities to improve their skills goes far beyond the precious time I set aside to help them. Their acknowledgment and realization that someone took the time to give them hope on how to improve their life is clearly visible in their eyes, smiles and warm embrace or firm handshake providing the high octane fuel that drives me to prioritize my time for those in need in our community.

The Friday before Halloween I was cooking hotdogs, giving out pizza, cider, hot chili and pumpkins at the Brainard Street Park Annual Hay-ride for the little ones in the Cass Corridor. It was a great time and the rain didn't stop us nor the regular fire side chats with the local residents around the old rusted 50 gallon drum barrel containing the fire that warmed us as we talked of local issues and community needs. The IIE National Office will be publishing an article in the December issue of IE monthly magazine reflecting how my dedication to helping revitalize my old neighborhood and the long road of struggle to see my dreams come true. If you get a chance please read the article and take note of the challenges offered by the project and how the kind words of others valuable time helped me acquire the skills necessary to help rebuild a positive future for others with their own dreams.

As the grind of life pushes on I am blessed to meet the needs of my family, my profession and most importantly to my community. Just think, Thanksgiving is less than 30 days away and Christmas Holidays are just around the corner. This is the time for giving and helping others appreciate the more positive side of the struggles confronting them in their daily task list of priorities and which positive path to take in their life.

Harbour Report Presentation

Friday, August 25, 2006

Luncheon



Harbour Report Presentation

Date October 27, 2006 (Friday)

Agenda

- 11:00 Registration
- 11:30 Lunch
- 12:10 Past President Recognition
- 12:15 - 1:30: Harbour Report Presentation

The Harbour Report 2006

Efficiency and productivity are key elements to any successful manufacturing endeavor. The Harbour Report is a comprehensive annual view of how North American automobile manufacturers stack up on clearly defined metrics of productivity. The presentation will focus on The Harbour Report 2006 and the story and findings of the health and status of the Automotive Industry in North America and Worldwide.

Who are the best and what separates them from the rest?

Which automakers are improving the most?

What strategies are different companies pursuing to raise productivity?

What does the data show about the future?

Which companies have the most unused capacity and what are they doing about it?

Some of the findings will surprise you. We guarantee a fact filled presentation with an opportunity to ask the speaker questions about the report. Generally the report costs automakers thousands of dollars to purchase a copy - and you get to see and hear all this for the cost of lunch. What a deal!

Speaker

Michelle Hill
Director of Benchmarking -
North America
Harbour Consulting
www.harbourinc.com



Michelle Hill
Director of Benchmarking - North America

Michelle Hill, Director of Benchmarking – North America, joined the company in 1999. Michelle’s primary responsibility is the development, management and execution of *The Harbour Report North America*, competitive analysis and cooperative benchmarking studies. She has more than 12 years of experience in the auto industry, both with original equipment manufacturers and suppliers. As The Harbour Report project leader, Michelle secures each company’s participation, collects, verifies and analyzes data, coordinates plant visits and trains participating companies in methodology. She is working to expand The Harbour Report to South America and Asia. In addition, she has worked on a variety of projects and market research studies for OEMs and suppliers. Before joining the Harbour team Hill spent two years as controller of an automotive supplier and two years as controller of an automotive tool and mold supplier. She has a bachelor’s degree in business from the University of Windsor

Location

The Gazebo Banquet & Conference Center
31004 Mound Road
Warren, MI 48092
Directions: <http://www.gazebobanquets.com/Map.html>

Cost:

Engineering Students = \$10,
IIE and ESD and ESD Affiliate Members = \$20,
Non-member = \$30 (Cash or Check only)
Lunch is provided, buffet style.

Please RSVP by emailing gdaltman@gmail.com

UofM-OSU Football Challenge



Thursday,
November 16th

OHIO
STATE

Program: U of M v. OSU Football Challenge

Program Description: The Columbus chapter started this unique idea in 2004. The two student chapters host a student night with their senior chapters. The challenge is to have a meeting at two locations (in Ann Arbor and Columbus) and see which chapter can draw most attendance. Special scoring helps to determine a winner for the event with: 7 points for a new member, 1 points for a guest, 3 point for current member. Michigan won the IIE challenge 183 to 104 in 2004, in 2005 OSU won 147-143.

The consolation of the challenge - the losing chapter presidents (senior and student chapter) had their pictures featured on all websites (senior and student: Detroit, Columbus, OSU, and U of M) wearing the opposing team's jersey. We got the student chapter president at the Regional Conference - but the Senior chapter president has eluded us so far. So Go Blue! (or Go Green! - hey this is a Michigan vs Ohio thing! we put intrastate rivalries behind us here!) Come on out and have a great evening with the students in support of IIE programs on campus - and build some bridges between the senior chapters and the student chapters.

Date: Thursday, November 16, 2006

Time: 7:30 PM

No RSVP Required

Cost:

IIE Greater Detroit Chapter buys the appetizers. Attendees responsible for buying their own drinks. Attn: Senior Chapter Members - Vito will buy a beer for any Senior Chapter Member wearing U of M apparel.

Location: Buffalo Wild Wings

205 South State Street

Ann Arbor, MI 48104

734-997-9143

www.buffalowildwings.com



Holiday Dinner and Officer Inauguration Friday, December 8th

Program: Inauguration and Holiday dinner

Who: Inauguration of our newly elected chapter president - Victor Lloyd

What: Holiday Party for all our members and guests., student chapter members and guests.

When: December 8, 2006

Time: 6:30pm Cocktails, 7pm Dinner,
8pm Inauguration and speeches



Where: Mario's of Detroit
(The finest Italian Pasta house in the city!)
4222 Second Ave, Detroit, MI 48201

Why: Celebrate our successes, plan our new conquests, build bridges with our student chapters Meet new friends, and enjoy our current friends

Menu: Choice of

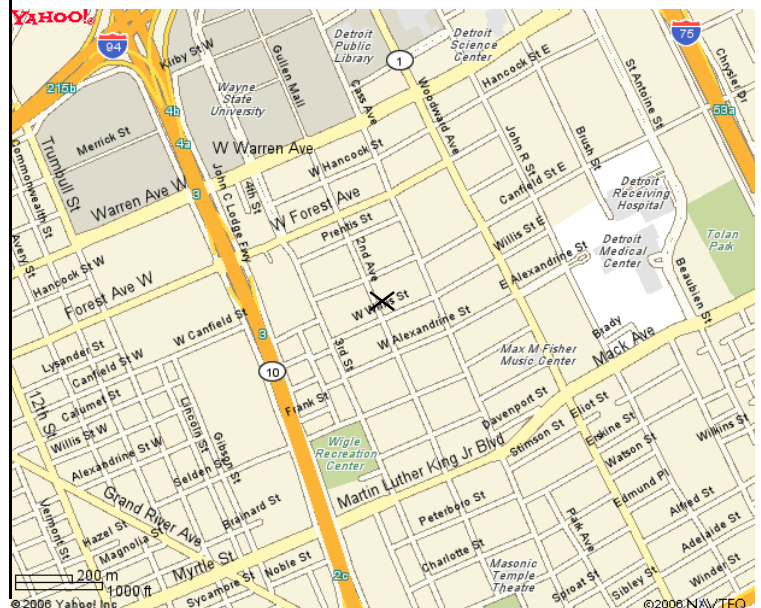
- Beef Marsala
- Whitefish
- Talapia
- Chicken Picante
- Lasagna Bolognese



Cost: (Salad additional \$3, Cash Bar)

Current Engineering Students: \$15 per person,

IIE Members and Guests: \$25 per person





4th Annual

Lean Six Sigma Symposium

Beaumont Hospitals®

November 3, 2006
7:30am - 4:00pm

Beaumont Hospital, Royal Oak
Administration Building Auditorium
3601 W. 13 Mile Rd.
Royal Oak, MI 48073

Symposium sponsored by:

Beaumont
University

Who Should Attend?

- Leaders who want to learn how lean six sigma tools can be used to solve complex problems.
- Quality improvement and performance improvement professionals who want to learn more about lean six sigma in healthcare and at Beaumont.

Objectives

- Understand the requirements and benefits of six sigma green belt status.
- Understand how lean six sigma can be used to solve complex business problems.
- Understand how use of lean six sigma can help engage employees in creating and implementing improvements and new processes.

Registration

- Cost: \$100.00 Students: \$25.00
Registration includes all sessions, breakfast, and lunch.
- Choose one of the educational tracks to attend in the afternoon:
 - Healthcare Track - Applying Lean Six Sigma in Healthcare.
 - Lean Six Sigma Tools & Methods Track
- Complete the registration form on page 4 of this brochure and fax to 248-645-2428 by Monday, October 30, 2006.

For more information or assistance with registration, please contact:

Wilma Wimmer, Beaumont University
248-645-2424
wwimmer@beaumont-hospitals.com

Symposium Faculty

Conference Coordinators

- Jean Ann Larson, Chief Learning Officer, Beaumont Hospitals
- Kay Beauregard, Administrative Director, Beaumont Hospital, Royal Oak
- Derk Pronger, Director of Management Engineering, Beaumont Hospital, Troy

General Sessions

- Randy Sprouse, Manager, Central Processing Department, Beaumont Hospital, Royal Oak
- Kim Bonzheim, Director, Noninvasive Cardiology and Cardiac Rehabilitation, Beaumont Hospital, Royal Oak

Healthcare Track

- Sue Kozlowski, Six Sigma Black Belt, St. John Health
- Michael Ricard, Consultant, Production Modeling Corporation
- Kevin Yamada, Executive Director of the Pawley Institute, Oakland University

Lean Six Sigma Tools & Methods Track

- Jayant Trewn, PhD, Vice President of Quality and Process Re-engineering, Lason
- Onur Ulgen, PhD, President and Founder, Production Modeling Corporation
- Kai Yang, PhD, Associate Professor, College of Engineering, Wayne State University

Symposium Schedule of Speakers and Topics

General Sessions			
Time	Topic	Speaker	Location
7:30am	Breakfast & Registration		Lobby
8:00am	Opening Remarks: The Importance of Lean Six Sigma at Beaumont	Jean Ann Larson	Auditorium
8:20am	Escalating PDCA to a Lean Six Sigma Environment	Jean Ann Larson Kay Beauregard Randy Sprouse	
9:00am	Lean Applications in Healthcare	Derk Pronger	
10:00am	Morning Break		Foyer
10:15am	Lean Six Sigma in the Beaumont CPD	Randy Sprouse	Auditorium
11:15am	From FMEA to Clinical Impact— Communicating Life Critical Telemetry Alarms	Kim Bonzheim	
12:15pm	Lunch		MQPM Conference Room

Afternoon Breakout Sessions		
Time	Healthcare Track	Lean Six Sigma Tools Track
	Auditorium	ABW Classroom 1
1:00pm	Sue Kozlowski: Process Improvement in the Healthcare Setting	Jayent Trewn, PhD: Six Sigma Approach Guide
2:00pm	Michael Ricard: Standardizing Work Strategies for Healthcare	Kai Yang, PhD: Design for Six Sigma
3:00pm	Kevin Yamada: Lean in Healthcare	Onur Ulge, PhD: Integrated Use of Lean Six Sigma in Service Industries
4:00pm	Adjournment	

Registration Form

To register, complete this form and fax to 248-645-2428 by Monday, October 30, 2006

**4th Annual Six Sigma Symposium
November 3, 2006
7:30am - 4:00pm
Beaumont Hospital, Royal Oak**

Name: _____

Company: _____

Title: _____

Telephone: _____

email: _____

- Afternoon Track Selection:
- Healthcare Track
 - Lean Six Sigma Tools Track

We will make every effort to accommodate your choice. Track selections are assigned on a first-come/first-served basis, and seating limitations may prevent us from granting your request.

- Registration Status:
- Standard, \$100.00
 - Student, \$25.00

- Payment Method:
- Day of event: Check payable to "William Beaumont Hospital"
 - Day of event: Credit Card (Master Card or Visa)
 - Pre-pay: Master Card or Visa, provide information below

Cardholder Name: _____

Billing Address: _____

Card Number: _____

Expiration Date: _____

CID #: _____

CID # is the 3 digit code found in the signature strip on the back of your card.

To register, complete this form and fax to 248-645-2428 by Monday, October 30, 2006

Membership Activities



Our IIE-GDC Past President , Tej Jhamb, was on the Second Front Page of the Troy Times, in an article by Jessica Schrader, C&G Staff Writer, the photo by Deb Jacques. Tej is holding a 59 inch squash from a plant that was started from seed that his friend got from India.

Congratulations to Mr. And Mrs. Altman. Gary Altman and Katarzyna Pytel were married in Jamaica on October 18th.

Please read the President's Message on page 2 for the community service work Victor Lloyd is leading in Detroit and the upcoming article in the December 2006 IIE magazine.

Membership Report

By Vinod Chauhan

Greater Detroit Chapter of IIE

TOTAL MEMBERS = 223

From 8/3/06 to 10/3/06

NEW MEMBERS

Sabherwal, Sanjay K.
Mustafa, Yousif A.
Trivedi, Rohit R.
Zaim, Selale

TRANSFERS INTO THIS CHAPTER

Marvar, Todd A.
Ritz, Heather E.



WELCOME!





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- ...

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- ♪ Improve Resource Utilization
- ...

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♪ Schering Plough ♪ Smuckers ♪ Sony Electronics ♪ St. John's Hospital ♪ Whirlpool, etc.

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For your convenience, additional offices are located in: Austin, TX • Warren, MI • Gothenburg, Sweden

Career Development



SENIOR (METALWORKING - FABRICATION) MANUFACTURING ENGINEER (IMMEDIATELY AVAILABLE)

Nature of the Position: guide multiple plants on fabrication issues regarding presses, tooling and alternate methods of fabrication such as laser cutting, CNC's, and plasma cutting. This is not a plant level role. The incumbent will report to the Sr. Director of Advanced Manufacturing Engineering.

REQUIREMENTS:

A specialist in press fabrication processes who is familiar with dies

At least eight (8) years of experience in medium to heavy metal fabrication of up to 1/4 inch thickness;

Significant experience in metal fabrication with

- A) Transfer presses
- B) Slitting operations
- C) Coil feeding
- D) Tool design
- E) Laser cutting
- F) CNC's
- G) plasma cutting;

B.S. Engineering preferred.

Candidates must be eligible to work in the U.S now, without employer sponsorship.

ACTION: only Candidates that follow these directions will be considered; **first**, in a new E-mail, address the above duties, requirements and preferences; **secondly**, define your current employment situation, and your most recent compensation and how it is/was structured, **thirdly**, paste resume, and the other information as a new E-mail message page (and not as an attached document) to: (address starts with the # "1", not the letter "L") **1khedman@comcast.net**

NOTE: Again, we do not open attached documents. We are a search firm; all referrals are on an E.E.O. basis; our service fees are paid by our Clients. We never charge Candidates for any services.

KEEP YOUR EMAIL ADDRESS UPDATED

The IIE-GDC will send an email notification when the newsletter is posted on our website.

Make sure that you have your latest email address on the IIE national database. You can do this by going to "Manage Your Membership", and "Update your member profile", at:

<http://web.iienet.org/memberupdate/login.asp>

If any Chapter member would like to post a job opening or situation wanted, please contact: Greg Andrysiak at (248) 442-8607, greg.andrysiak@trw.com. Please see our website at iiedetroit.org for the latest job openings or situations wanted.

+++ Looking for top-notch employees? +++

Begin your search at IIE's new online Career Center, which offers all the features you need to find qualified employees. No matter what your staffing needs or budget, we have a recruitment tool for you.

Contact IIE Sales Department to purchase unlimited postings and resume searches for a year. Call Jack Eller at 770-349-1109, or Tom Miller at 770-449-0461 ext.127.

+++ Looking for an outstanding job? +++

We have your needs covered, too. Go to www.iienet.org/careercenter and see all the services IIE's new Career Center has to offer you!



The Greater Detroit Chapter of IIE is looking for a few good leaders to join the board of directors. If interested, contact Victor Lloyd at (419) 291-4362, vlloyd71@comcast.net

Chapter Activity Report

By Kristen Cavender

There are always areas we have an opportunity for points in our Gold award scoring:

- Membership activities
- Membership recruitment activities
- Increase member attendance at meetings
- Increase member /chapter/institute support

Would you like to assist the Chapter to:

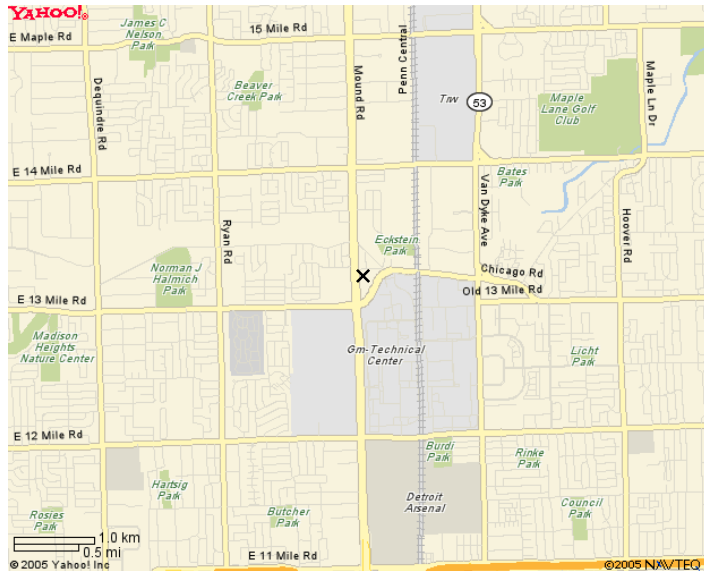
*** Run our Detroit Chapter website?

*** Prepare our Chapter News Releases to the press, trade magazines, Universities, etc.?

*** Handle our Chapter e-mail distribution?

Contact Victor Lloyd at vlloyd71@comcast.net

Friday, October 27h The Harbour Report



The Gazebo, 31104 Mound Road, Warren, MI, 48091

General Directions:

From Interstates I-75 and I-696 Interchange:
Take I-696 East to the Mound Road exit, exit number 22 (3.2 miles)
Keep Left at the fork in the ramp
Merge onto Mound Road (1.8 miles)
Entrance is off Mound Road on the North East corner

Upcoming Events in 2006

October 27th - The Harbour Report

November 3rd - Six Sigma Symposium

November 16th - U of M and OSU Challenge

December 8th - Holiday Dinner & Board Installation

Upcoming Events in 2007

January - IIE-GDC Student Technical Papers Competition

February - ESD Annual Banquet Awards Banquet

February - TRIZ, Theory of Inventive Problem Solving

March 16 - IIE / APICS Joint Event

April - WSU Graduate Research Symposium

May - Community Service Day

May - IIE National Convention

June - Open

July 14 - IIE Region IV Put-In-Bay BBQ

August - The Harbour Report

September - IIE-GDC Senior & Student Outreach

October - Open

November - Six Sigma Training / Symposium

November - U of M and OSU Challenge

December - IIE-GDC Board Installation & Holiday Dinner

Institute of Industrial Engineers #47

c/o Ron Brzuch

7247 Almaden Court

Canton, MI 48187

DATED MATERIAL