

March 2010

IIE Twin Cities



Andersen Windows Lean Journey & Tour

Friday, March 19, 2010 – 12:00 PM to 3:30 PM

Andersen Windows, 100 4th Ave North, Bayport, MN

Please join us for an event at Andersen Windows where we will have the opportunity to learn more about their Lean journey and participate in a Gemba walk.

About this event:

Please join us for an event at Andersen Windows Corporation where we will have the opportunity to learn more about Andersen Windows Lean journey.

Andersen Windows is the world's largest manufacturer of windows, and their largest plant is located in Bayport, MN.

During this event attendees will have the opportunity to tour the plant, learn about the tools that the team has used throughout their Lean journey and participate in a Gemba walk to help the company identify next opportunities.



Come home to Andersen.

The agenda for the day is as follows:

- 12:00 PM – Welcome and introductions
- 12:10 PM – Review objectives
- 12:25 PM – Plant tour
- 1:00 PM – Break (with refreshments)
- 1:10 PM – Andersen Mfg Systems Overview
- 1:30 PM – Go-see/Gemba walk
- 2:10 PM – Review Gemba findings
- 2:20 PM – Report findings
- 3:30 PM – Close

Location:

Andersen Windows
100 4th Ave North
Bayport, MN 55003

The visitor entrance is right on 4th Ave North and parking is on the south of the street.

Participants can park on any available spots in the employee parking lot.

Check-in will be in the main lobby and someone will be waiting to receive participants.

Special Note: Attendees cannot wear open toe shoes for the plant tour.

Cost:

The cost is \$25 for members; \$30 for non-members. You may pay by PayPal, by e-mailing IIEtwinCities@gmail.com, or by sending a check to the IIE Treasurer, John Spriggs, at 5221 James Ave S., Minneapolis, MN 55419

ATTENTION MEMBERS:

If you bring 1 non-member to this event you can attend for \$15, if you bring 2 or more non-members to this event you can attend for FREE!

Reservations:

An Evite® invitation has been sent. If you did not receive the invite, send your RSVP to IIEtwinCities@gmail.com. Please RSVP by March 15th. Only 30 spots are available; these spots will go to the first 30 people to have paid.



Inside This Issue

- 2 President's Message
- 3 PPT Vision Event Summary
- 4,5 Job Opportunities
- 8 Upcoming Events

TWIN CITIES IIE MEMBER PROFILE:

Christine Nelson



I grew up in Mesa, Arizona and graduated from Red Mountain High School Class of '97 where I was able to obtain a few college credits. On to Arizona State, I decided on a studying engineering because I had taken so much math and didn't want it to go to waste. It was between Industrial Engineering and Computer Systems Engineering. I was totally torn. I eventually selected Industrial Engineering because Biology counted towards my degree, optimizing my graduation path. Good thing too, because I didn't want to have "code dreams" the rest of my life. IE is much more interesting.

During an internship at Intel, I met my now husband. Our first date I took him on a tour of the FAB! I was totally ready to start a job in May of 2001 but this was the year of the dot.com bust. I got one job offer in CA as a Manufacturing Engineer for but declined it to obtain my masters at Texas A&M with my husband. We both graduated in 2004. I decided to take a job at Accenture in consulting. It was a hard decision to not do something strictly IE but we were able to move near my husband's family in Minnesota.

I started at Accenture in June of '04 and am now a consultant. IE is such a versatile degree! I am currently aligned to Management Consulting in the Supply Chain/Fulfillment Service Line. I have done several interesting projects including Space (Planogram and Assortment Merchandizing) Optimization, but spend the majority of my time designing and testing IT applications and analyzing end to end product lifecycle processes. We work with "the business" to gather requirements, build designs, test applications and document process flows all to help solve business problems. I have worked in Aerospace, Retail and Computer Industries and worked with people across the globe.

In order to stay connected to my IE roots I joined the professional chapter of IIE in Minneapolis a few years ago. I enjoy learning what others in my field are doing and touring different facilities.

I now live in Bloomington, MN with my husband James and son Charlie. Charlie arrived on June 9th, 2009.

President's Message

Dan Thury, IIE Twin Cities President



Happy March everyone! Holy cow, I can't believe it's already tax season! As they say, time flies when you're having fun and we've been having some fun so far in 2010.

We had our first event of the year in February at PPT Vision in Bloomington. We had a very nice turnout at the event, including both members and non-IIE members. We welcome all attendees; your co-workers are always welcome to come. Please read further on in this newsletter for a summary of this successful event.

About two weeks ago the IIE Region 6 student conference was conducted on the campus of UW-Madison. I was not able to attend, but my sources tell me it was an excellent networking and learning event for the students. I'm also proud to say that Chapter 38 was well represented at the conference and took an active role in supporting it. I know that Kristen Forgea, Peter Nelson and Jason Materi, all current or past board members, were in attendance. As you'll read on in this newsletter, Jason and Peter presented a learning workshop on the principles of lean manufacturing. The chapter also donated funds this year to both the conference host and to another attending chapter, University of Minnesota at Duluth.

I want to also recognize some groups that have been doing some great work for Chapter 38 so far this year. I'm really excited about the efforts of the membership committee, led by Membership Director Christy Strong. This committee is working hard to find innovative ways of increasing membership activity. I think this committee is off to a great start and please watch our newsletter for announcements from this group.

I also want to mention the great work that Sean Dveris, our Webmaster, has been doing to get our chapter website updated with the latest and greatest information for our members. I encourage our members to go out to the website to stay in the loop with Chapter 38. Sean, keep up the good work!

Finally, I'm very excited for the Andersen Windows event coming up on March 19th. I think it's going to be a very well run event that will provide a lot of value to those individuals looking for ideas on implementing lean manufacturing principles.

Cheers,
Dan

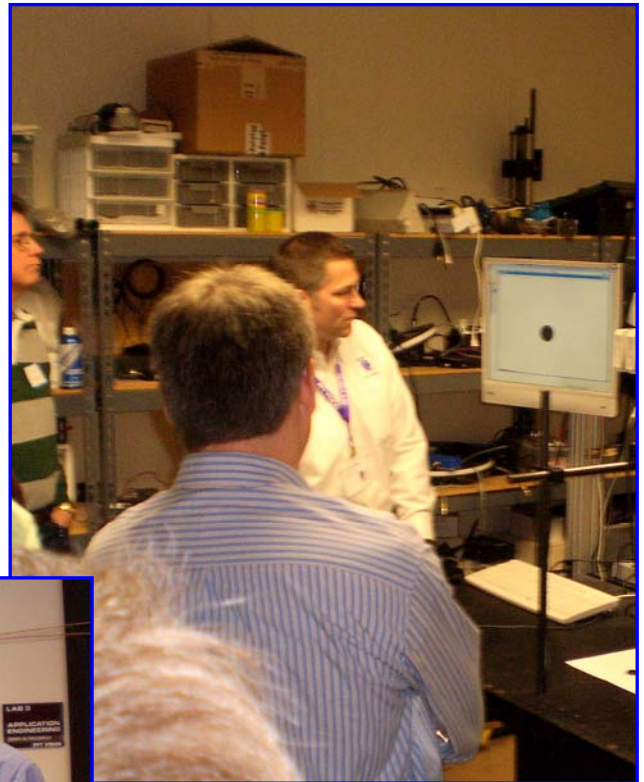


PPT Vision Tour and Networking Event Summary

On Thursday, February 25th the Twin Cities IIE chapter met at PPT Vision in Bloomington, MN to learn about machine vision. This technology has been used by manufacturers for almost 35 years to guarantee quality in their products.

Machine vision has stamped out its niche in all markets from the auto industry to medical device manufacturing. It was exciting to see how the technological developments over the last 35 years have really made machine vision a practical solution for many quality control programs.

After the excellent event at PPT vision, many people headed to Majors in Bloomington for some social networking and lean manufacturing discussions. It was overall a very successful event with a good opportunity to learn about new technologies.



Local Job Opportunities

Advanced Development Engineering Manager

Horton Holding, Inc. in Roseville, MN

Facility Operations Process Owner

Target Corporation in Minneapolis, MN

Industrial Engineer

The Bergquist Company in Cannon Falls, MN

Senior Director of Quality

UnitedHealth Group in Golden Valley, MN

RF Engineer III Performance

AT&T in Bloomington, MN

Six Sigma Consultant

UnitedHealth Group in Edina, MN

Lean Six Sigma Master Black Belt

Best Busy in Richfield, MN

Check out iienet.org and click on 'Jobs' for more information on these jobs and other opportunities outside the Twin Cities area.

Are you looking for new employees? Advertise job openings in the IIE Twin Cities Newsletter!

Send an email to IIEtwinCities@gmail.com for more information.



Sport the IIE logo!

Introducing the IIE Twin Cities Logo Dress Shirts



Order one today!

Men's & Women's shirts available in French Blue

Send the following information to John.Spriggs@bsci.com

- Your name
- Shirt size (S – 5X)
- Shipping address

Just \$40!

Easy care pinpoint dress shirt. Virtually wrinkle-free, easy-care 60/40 cotton/ polyester blend done in tight 40 x 40 vorns.



Welcome New Members!

IIE Chapter 38 would like to welcome new members who joined IIE, members who rejoined IIE and members who transferred into our local chapter:

Elizabeth Whillock, Prime Therapeutics
Susan McDermott

Welcome to Chapter 38! Currently, we have 137 members.

Please remember to take a look at your membership and note when it is time to renew. By selecting Twin Cities Chapter 38 as your local chapter, a portion of your dues to IIE National comes back to support our chapter.

2010 Twin Cities Chapter 38 Officers

| | | |
|-------------------|---------------------------------|--|
| Past President | John Wilson, Boston Scientific | WilsonJ1@bsci.com |
| President | Dan Thury, Andersen Corporation | Dan.Thury@AndersenCorp.com |
| President – Elect | John Kline, MTS Systems Corp | John.Kline@mts.com |
| Treasurer | John Spriggs, Boston Scientific | John.Spriggs@bsci.com |

Questions? Comments? Send an email to IIEtwinCities@gmail.com

Job Posting:

**Project Manager
Mayo Clinic
Rochester, MN**



This position will be working with the Clinical Trials Management System (CTMS) Project as a Project Manager. The CTMS Phase 2 project is part of the Mayo Clinic Research Enterprise initiative to implement a shared Clinical Trial Management System that standardizes processes, tools, and systems. This phase includes Electronic Data Capture and Data Management, which is considered a core component of managing clinical trials. A Project Manager has overall responsibility for planning, directing, coordinating and delivering activities pertaining to the technology and business solution. Project Managers ensure project goals are well-defined and are accomplished and aligned with business objectives; identify tasks required to meet those goals and manage required resources from functional and administrative teams; are familiar with and monitor all major (functional and Business) project activities. In addition to direct project management responsibilities, the project manager is required to support the establishment and maturation of the project management infrastructure, developing templates, promoting best practices, developing and/or procuring tools, educating and mentoring of team members and other project managers both within and external to the PMO.

Department: Research Administrative Services

Qualifications:

- BA/BS and 5 years of Project Management experience minimum.
- Masters Degree and/or Project Management Professional (PMP) certification preferred.
- Knowledge and experience with Microsoft Project and of project planning methodologies.
- Excellent communication and facilitation skills with the ability to work well with teams.
- Able to handle a wide variety of tasks and projects simultaneously and efficiently and be able to define and prioritize goals and objectives.
- Needs to be self directed and able to articulate complex topics to teams and management.
- Able to work independently and interact with a wide variety of personalities.
- Requires strong skills in Microsoft Project, Excel, Word, PowerPoint and project scheduling and monitoring software tools.
- In addition to standard project management skills, leadership skills are of utmost importance, in particular team building, performance management, conflict resolution, negotiation, and problem solving.

Apply here: <http://www.mayoclinic.org/jobs-rst/find-job.html>

Click on find, insert the job # 25532 and follow the directions.

An advertisement for the 13th Annual Applied Ergonomics Conference 2010. The background is a textured, brownish surface. On the left, there is a decorative arch of orange and white dots. The text "The 13th Annual appliedergonomics CONFERENCE 2010" is prominently displayed, with "Practitioners talking with practitioners" in a smaller font below it. In the center, there is a golden trophy cup. To the right, the text "SAN ANTONIO, TEXAS MARCH 22-25, 2010" is written in large, bold, white letters. Below this, it says "Featuring the Internationally Recognized Ergo Cup Competition".

Check out the IIE Twin Cities Chapter 38 website: <http://www.iienet.org/twincities>

Chapter Activity Report Focus On: Student Outreach

Jason Materi, Board Member at Large

On February 18th-20th the student chapters of University of Wisconsin hosted the Region 6 Student conference in Madison, WI. IIE Twin Cities took an active role again this year as the chapter donated money to both the conference coordinators and an attending chapter to help cover the costs of hosting the conference and the cost of travel to Madison.

Membership Committee member, Peter Nelson, and I facilitated a 2 hour workshop on the principles of lean manufacturing and the process of converting a traditional manufacturing system into a lean system. Using a Lego assembly line simulation, the interactive workshop gave students an opportunity to see how lean principles can lead to drastic improvements in manufacturing. In each of the three simulation rounds, the students were able to improve their line's productivity, lead time and ultimately their net profitability. The workshop was a lot of fun and received great feedback from all the attendees.



After the workshop, all of the conference attendees gathered for lunch in the UW Madison Engineering building. During this lunch I was able to speak to the students about the importance of staying involved with IIE after graduation. The IIE Twin Cities chapter offered a \$20 discount on membership dues for graduating students who wish to join the professional chapter. The message was very well received and we are very hopeful that some new members will result from this event.

Overall the conference was a great success for both the Madison and the Twin Cities IIE chapter. The students of Madison did a tremendous job of facilitating a fun and effective conference and the Twin Cities chapter looks forward to supporting future student conferences.

2010 Twin Cities Chapter 38 Board Members

| | | |
|-----------------------|--|---------------------------------|
| Membership Director | Christy Strong, Boston Scientific | Christy.Strong@bsci.com |
| Website Director | Sean Dveris | seandveris@yahoo.com |
| Events Co-Director | Kristen Forgea, Boston Scientific | Kristen.Forgea@bsci.com |
| Events Co-Director | Eric Situmbeko, Andersen Corp | Eric.Situmbeko@AndersenCorp.com |
| Newsletter Director | Jenna Weiland, Boston Scientific | Jenna.Weiland@bsci.com |
| Board Member at Large | Jason Materi, Boston Scientific | Jason.Materi@bsci.com |
| Student Board Member | Marta Bogenschultz, University of WI Madison | Marta.Bogenschultz@bsci.com |

IIE Twin Cities Offers IIE Membership Discount for New IE Graduates

Are you a recent IE grad still looking for employment or know of any that are?



If so, IIE Twin Cities can help you out! IIE Twin Cities offers monthly opportunities to network with industrial engineers from various companies around the Twin Cities, a monthly newsletter to keep you up to date with the latest job postings in the area, and the potential to further your leadership skills and gain resume boosters by joining a committee or the IIE Twin Cities Board of Directors.

Recent graduates are eligible for a "first year graduating member" dues discount of \$69.50. However, IIE Twin Cities is also willing to offer an additional dues rebate to students who have graduated, but have not yet found employment. Contact the Membership Director, Christy Strong, at IIEtwinCities@gmail.com for more details.



ANNUAL
IIE CONFERENCE & EXPO | 2010
Cancún, Mexico



June 5-9, 2010

Keynote Speakers

| | |
|--|---|
|  <p>Warren B. Powell Department of Operations Research and Financial Engineering, Princeton University</p> |  <p>Rob Savage Chief Operating Officer, Taco Bell Corp.</p> |
|  <p>Antonio J. Dieck-Assad, Ph.D. President, Universidad de Monterrey</p> |  <p>Armando Tamez COO, Nematik-Monterrey</p> |

REJUVENATE YOUR CAREER
EARLY-BIRD REGISTRATION DEADLINE:
APRIL 9, 2010

Presented By:



www.iienet.org/annual

What is IIE?

IIE is the world's largest professional society dedicated solely to the support of the industrial engineering profession and individuals involved with improving quality and productivity. Founded in 1948, IIE is an international, non-profit association that provides leadership for the application, education, training, research and development of industrial engineering.

With approximately 15,000 members and 280 chapters worldwide, IIE's primary mission is to meet the ever-changing needs of industrial engineers, which includes undergraduate and graduate students, engineering practitioners and consultants in all industries, engineering managers, and engineers in education, research and government.

What is the Twin Cities Chapter?

The Twin Cities IIE Chapter 38 provides a network for individuals within Minnesota and surrounding areas to collaborate about industrial engineering. Our members include professionals with industrial engineering degrees, both working in IE roles & non-IE roles and professionals working in industrial engineering related functions. We provide monthly events which include topics in professional development, Lean, Six Sigma, Quality, process improvement and tours at distribution centers, manufacturing facilities, hospitals and consulting firms. We also promote the industrial engineering profession by providing scholarships to IE students and becoming involved with several student IIE chapters.



Upcoming Events

March

19 IIE Andersen Windows Event
25 Exhibitor Tech Fair and Seminars sponsored by Twin Cities Section of the ISA

April

TBD IIE Event
17 INCOSE: Spring Tutorial on Project Management and Systems Engineering

May

8 Professional Development Workshop - One Day to Greater Influence (sponsored by IEEE)
20 IIE Event - IE Work in the Mayo Hospital System

Details on all IIE Chapter Events can be found at www.iienet.org/twincities.

Details on all other events can be found at www.mfests.org.

All events are subject to change.

IIE Presents...

Lean & Six Sigma Solutions Conference 2010

September 27-28, 2010

InterContinental - Presidente Monterrey

Monterrey, Mexico

Mark The Date On Your Calendar and Watch for Updates as IIE Plans The World's Most Comprehensive Lean & Six Sigma Conference

www.iienet.org/LSS2010

Questions? Comments? Send an email to IIEtwinCities@gmail.com