



Long Island Chapter 86 of the



Institute of Industrial Engineers

NEWS-LETTER

IIE-Vol.106 Issue 06

Gold Award Winner for 9 Straight Years (1997-2006)

October, 2007

Calendar of Events

Oct. 16th, 2007 (Tuesday)
IIE Monthly Meeting
Topic: Details on right

Nov. 13th, 2007 (Tuesday)
Topic: TBA

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Visit IIE Long Island Chapter on the web at:
www.iienet.org/long_island



applied ergonomics

March 10 - 13
Rosen Centre Hotel
Orlando, FL

October MEETING / TOUR

Tuesday, Oct. 16th, 2007

Time: 6:00pm **Place:** Hauppauge, NY

Reservation Required, by Oct. 15th (see back page)

This is a joint event with the Long Island Chapters of **IIE & SME**
Lite refreshments will be provided by our host

Topic: Tour of Avon Press



Since 1952 Avon Press has been serving corporations, manufacturers, ad agencies, graphic design firms, municipalities and others. Avon Press specializes in all forms of corporate collateral, packaging, folding cartons, display and associated materials, catalogs, brochures, books, magazines, presentation folders, stationary and envelopes, direct mail packages, and more. All of this activity takes place in the state-of-the-art 25,000 square foot facility located in Hauppauge.

At Avon Press they are capable in developing your packaging requirements from concept to CAD design to providing samples, which will result in a finished product that will dazzle you.

On the tour you will see the following equipment:

- ✓ 8-up Imagesetter that effectively creates high-quality film and reduces or eliminates manual film assembly
- ✓ Film-less Direct-to-plate technology & Film and film-less proofing systems
- ✓ Six-color 40" Heidelberg Speedmaster CD equipped with CPC-21 computerized color control and aqueous coater
- ✓ 26 x 40 continuous feed folders
- ✓ 48" Programmable Cutters
- ✓ Die Cutting Machinery
- ✓ Packing Equipment

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PRESIDENT'S MESSAGE



At the September meeting John Boyko from Summit Business Solutions, Inc. provided an enlightening presentation on the Lean Enterprise. Please read Carolyn's excellent write-up / review beginning on page 3. If you would like to read about some lean success stories I highly recommend the book Lean Thinking by James Womack. Some of the companies featured in the book are Lantech, Wiremold, Pratt & Whitney, & Porsche.

Just about all of us have been or are involved with companies that use a printing company for brochure and marketing materials. This month you will have the opportunity to tour Avon Press in Hauppauge and learn first hand what happens behind the scene in creating printing materials and packaging.

On September 19 I participated in the IIE Northeast Region Leadership Conference Call hosted by John Corliss, Regional V.P. The purpose of the conference call is to keep the chapters informed and share ideas regarding chapter activities. The plan is to conduct these conference calls every other month.

At the Sept. 19th call it was mentioned that there are plans to have chapters host a web cast meeting maybe once every quarter. The first one will be presented on Oct. 3rd; about the time this newsletter goes to print. The topic is An Industrial Engineering Panel Session: "Today's Industrial Engineer". The web cast hosted by the Pittsburgh Chapter and Robert Morris University, will be available for download at your convenience. As far as I know the web cast can be accessed from the following link www.iienet.org/region/northeast. I will post the link on the Long Island Chapter web site once I know for sure.

Chapter 86, President
Tom Fiorella

MEMBERSHIP

Current Active Membership = 71

About IIE:

Founded in 1948, IIE is the premier society dedicated to serving the professional needs of industrial engineers and all individuals involved with improving quality and productivity. IIE has over 15,000 members and more than 280 chapters.

There are hundreds of job titles given to people, who manage, design, install, or maintain integrated systems of people, machinery, and information. No matter what your job title, if you are the person called upon for solutions when there is an issue that requires your attention, you belong in IIE. To become a member of IIE call 1-800-494-0460 or log onto to www.iienet.org & click on Join IIE & then on IIE Professional Members

Seeking Fresh Faces

(Posted Sept. 24, 2007 on IIE website)

During **Engineers Week**, the New Faces of Engineering campaign profiles young engineers who are doing interesting, unusual, or extraordinary work.

As an E-Week participating society, IIE will nominate up to five successful young members. One will be chosen by E-Week to be featured in a full-page ad along with engineers from other disciplines. The ad will run in USA Today during National Engineers Week, February 2008.

To apply, nominees must meet the following criteria set by E-Week:

- ✓ Be a member of IIE
- ✓ Have a degree in engineering from a recognized U.S. college or university or from an equivalent international educational institution
- ✓ Be 30 years of age or younger as of Dec. 1, 2007

To throw your hat in the ring, complete the nomination form (found on the IIE website) by Nov. 1 and return it to IIE Editorial Director Jane Gaboury. The five nominees selected by IIE will be notified and asked to provide photographs of themselves.

These nominations will be forwarded to the E-Week committee, who will make the final selection.

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#2 Setup systems. From a lean perspective, a system is a repeatable set of tasks that evolve with the product, are mistake-proofed and yield consistent results. Work diligently on clearly defining steps, instructions, actions so everybody understands. Have a standard format; standard work is the basic requirement for cross training.

Example: McDonald's standardized training methods (pictures), make it automatic, so constant supervision is not necessary. The chain may have lots of employee turnover, but the product is consistent.

#3 Communication. People are at the heart of Toyota Production Systems and the secret to Toyota's success. People solve problems together, through good communication. There are lots of meetings, meetings held across the organization, across all levels. There are no walls built to separate the groups and no special dress or privileges for managers (to further drive wedges).

#4 Make Everything obvious. This means the good as well as the bad. Observe an area for 5 minutes. You will see wasteful activities; you want the waste to be very obvious so you know you have to get rid of it. Genchi-Ginbutsu means, "Go and See". Make sure you do that at all levels.

Look for the following:

- Excessive clutter,
- Schedule adjustments
- Mistakes or error

- No visible standards, if visible, how are they used?
- Hot, critical orders
- Expedited orders
- High level of customer complaints
- Operators don't know major customer complaints
- No process or production measures
- Operators unaware of the next job or requirement
- Batch mode of production
- Downtime
- Defects, overproduction, wait for , not fully utilizing people
- Long Transport times and poor flow
- Excess Inventory motion and excessive waste

#5 Practice Kaizen - continuous improvement.

Don't go for the home-run every time. A penny saved is a penny earned.

Becoming Lean requires a serious commitment in time, discipline, taking on new tasks, and not accepting the status quo. Ask yourself every day - "What did I improve"? The speaker can be contacted at www.summitbizpro.com; jboyko@summitbizpro.com.

Recommended Readings:

- 'Today and Tomorrow' by Henry Ford
- 'Lean Thinking' by James P. Womack
- 'The Goal' by Eliyahu Goldratt

Next IIE / SME meeting: **Tour of Avon Press in Hauppauge, NY**

(For complete details see cover page or go to the IIE-LI web page at www.iienet.org/long_island)

Reserve Now for: The October Meeting/Tour
Tuesday evening, October 16th, 2007 at 6:00pm

Reservation must be received no later than **Monday, Oct. 15th** - *Fax to: Tom Fiorella, 516-740-4616*
 or *Mail to: Bob Schroter, 423 Elm St, West Hempstead, NY 11552-3226*
 or *email: Tom Fiorella at tfior9651@msn.com with: Name, Title, Company, email address, and day phone for yourself and each guest.* For inquiries call Bob at (516) 489-4017.

<u>NAME</u>	<u>TITLE</u>	<u>COMPANY</u>

Send Directions to: _____

Address: _____ Phone Day: _____

Address: _____ Phone Eve: _____

City, St, Zip: _____ Fax: _____

Include fax or email for a speedy reply.

You will receive complete directions and instructions to the tour once we receive your reservation.

email: _____