



**Institute of Industrial Engineers  
Chapter 47  
NEWSLETTER  
Detroit, Michigan**

**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.*

**Volume 46, No. 4**

**September, 2002**

Visit us on the web [http:// www.iiedetroit.org](http://www.iiedetroit.org)

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**Thursday, September 5th**

**Visteon Chesterfield Plant 2  
Plant Tour and Presentation**



Topic and Plant Tour: "Quality and Throughput of Seating for Automotive Industry" hosted by Mr. Vinod C. Chauhan.

This plant makes interior seating for the Expedition and Navigator. The presentation includes how a renovated plant has implemented lean initiatives saving \$XXM, featuring a new AGV to Conveyor implementation.

This topic is applicable to all industries. Learn about lean projects and see the direct results from implementation.

We will meet between 5 pm and 5:30 pm to by the hourly entrance door No. 9 at the Visteon Chesterfield plant 2. The presentation and plant tour will be between 5:30 and 7:00 pm (second shift).

See directions on page 3 and a map on page 6.  
No cost. Light refreshments will be provided.  
Maximum 35 attendees allowed.

RSVP: by September 2nd to our IIE VOICEMAIL (313) 438-0205

**Now is the time for all good I.E.'s to  
come to the aid of their chapter.**

**See Page 5 for opportunities where you can help your  
chapter by running for an officer position and serving on  
the board of directors.**



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## Chapter President's Message

by Vito Wasniewski

Ready to Dive back in!

Welcome back from summer vacation. Normally the Detroit Chapter will take July and August off for the summer holiday – but – your Board of Directors was busy planning chapter activities anyway.



I want to first highlight our Golf Tournament held on July 28. Tej Jhamb did a great job organizing the event, and we had increased attendance this year. This has given us ideas about making more plans for next year's tournament. If you have any special requests for next year's tournament, please contact Tej, myself or any other Detroit Chapter Board member.

We also held our Annual Harbour Report on the status of the Automotive Industry on August 15. I found the program very interesting. This program was also very well attended, and we appreciate Ron Harbour giving our chapter this additional and personal insight to his research and where the indicators say the automotive industry is going. This was a high quality program – and our QA survey showed a net rating of 92.8% - one of the best scores we have had for meetings this year. I strongly encourage you to look for this program after the Harbour group publishes its report next year.

With the summer programs behind us now, kids will be going back to school and our IIE fall programs are falling into place. It is at this time that we want to start thinking about the future of the chapter and begin fleshing out our **ballot for a new Board of Directors**. I would like to extend an invitation to any of our members to attend one of our Board Meetings to observe our chapter management processes, recommend improvements, and perhaps join in the planning process. I find that when many of our talented Detroit Chapter members get involved – we accomplish some great things. Some of you have indicated that it is time to get a National Convention in Detroit, if you are still interested in making that happen, please put your name in for one of our executive positions.

If you have any suggestions on how the chapter can be improved, suggestions for programs, or questions about IIE programs feel free to contact me directly. You can easily reach me via the website at [www.iiedetroit.org](http://www.iiedetroit.org), send an email ([vito.j.wasniewski@sbcdo.com](mailto:vito.j.wasniewski@sbcdo.com)) or call me. Enjoy the rest of the summer and I'm looking forward to a great remainder of the year.

## Chapter Activity Report

by Dr. Bijay Nayak

The IIE Detroit Chapter held 7 Board meetings during January – August 2002.

The Program Committee organized following programs for its members during July-August 2002 :

1. 2<sup>nd</sup> Golf Outing at Silver Glenn, Rochester Hills.
2. The Harbour Productivity Report presentation by Ron Harbour. Which was attended by 25 members and potential members of IIE. The program was a great success.

IIE Detroit Chapter has given a one-year free membership of IIE for 2002 to Ron Harbour or any of its associates.

### Focus on Chapter Development

1. The estimated CAR Score as of August 18, 2002 = 58 which entitles to Bronze Award prior to certification by RVP and IIE.
2. The Chapter Board and its members need to focus on improving CAR Score in following areas in next 4 months :
  - a. Membership Growth by enrolling more new members or transferring from other IIE Chapters.
  - b. Community Affairs Participation, such as Churches, Hospitals, Veterans' or Patriotic Societies, Boys & Girls Self Improvement Groups, or Junior Achievement Groups.
  - c. University Regional Conference Support, such as Contribution (\$100-\$250) to host chapter, Contribution (\$250) to sponsor student attendance to conference.
  - d. Other Student Outreach, such as Support local science fairs, Participate in High School career guidance days or mentor high school/university students, Participate in National Engineers Week, Support student attending programs, Provide speakers for student chapter meetings.
  - e. Member/Chapter Support, such as Host Workshop/Seminar for ½ day.
  - f. Institute Support, such as Member participation in IIE sponsored events, Donation (>\$100) to IIE Foundation, Assist another IIE chapter to reactivate, revitalize or improve their processes, Host regional leadership training.

If you have any news items related to member promotions, activities, awards, publications, or projects, training or workshops conducted, please forward it to Dr. Bijay Nayak at E-mail: [bnayak@msn.com](mailto:bnayak@msn.com), or phone: 248-299-6400, to include in the Chapter Activity Report.

# Plant Tour – Visteon Corporation, Chesterfield, MI



## Thursday, September 5th

Topic and Plant Tour: "Quality and Throughput of Seating for Automotive Industry" by Mr. Vinod C. Chauhan.

Where: Chesterfield Visteon Plant, 26090 23 Mile Road, Chesterfield, MI 48045, Conference Room No. 3.

What: This plant makes interior seating for the Expedition/ Navigator. Presentation includes how a renovated plant has implemented lean initiatives saving \$XXM, featuring a new AGV to Conveyor implementation.

Why: This topic is applicable to all industries. Learn about lean projects and see the direct results from implementation.

Refreshments: Light refreshments will be provided. Maximum 35 attendees allowed.

We will meet between 5 pm and 5:30 pm to by the hourly entrance door No. 9 at the Visteon Chesterfield plant 2. A presentation and plant tour will be between 5:30 and 7:00 pm (second shift)

**Directions:** From Detroit area ( Highway 696 and Highway I-94 ) take highway I-94 eastbound to exit no. 243 (for New Baltimore, Algonac AFB). Turn left (west) and go to first major cross street (Gratiot Road ). Continue straight and past railroad tracks past the first Visteon plant with the water tank on the front left side. Pass the first Visteon Chesterfield plant 1 at SW corner of traffic light and then pass the Lionel company and go to next Visteon Chesterfield plant 2. Visteon Chesterfield plant 2 is between E. Russell Schmidt Road and Richard West Boulevard on south side of 23 mile road. Make a left turn in the large (employee) parking lot. The Visitor's parking lot because is smaller in size for fewer cars. Go into the hourly entrance door no. 9 ( not the visitor's parking entrance door) and call Vinod C. Chauhan on x-69598 from security check point.

## FACTS ABOUT VISTEON

- Nearly 79,000 employees in 25 countries.
- One of the largest automotive suppliers in the world.
- Products come into contact with 50 million consumers every day.
- Visteon's 2001 global sales revenue were \$17.8 billion.
- 84 production facilities in every major world region.
- 25 Global Sales and Service Offices.
- Global delivery system includes more than 180 technical, manufacturing, sales and service facilities.
- Over 100 years of automotive heritage and over 80 years experience in accomplished integrated systems.
- Customers include the 19 largest vehicle manufacturers in the world.
- In 2002, Visteon won two awards from Toyota Motor Europe – the Superior Performance Award for quality and the Achievement Award for supply.
- Components and systems can represent up to 40 percent of a vehicle's content.
- First automotive supplier to become fully certified on a global basis under ISO 14001.

## Up Coming Meetings

October—TBD

November—Ford Production and Inventory Control

December—Inauguration and Holiday Party

## Membership Report

06/07/2002 - 08/05/2002

Total Members = 246

### NEW MEMBERS

Argalas, James S.  
Major, Camille B.  
Hill, Cameron T.

### TRANSFERS INTO THIS CHAPTER

Reynolds, Steven A.

## Career Development

### Industrial Engineer

Amazon.com is seeking industrial engineers for a number of our state-of-the-art fulfillment centers (FCs) located in KY and KS. These positions require the ability to plan, organize, implement, and manage the industrial engineering functions within the fulfillment center to ensure economical, safe, and effective use of materials, energy, and people. Responsibilities include assessing and optimizing the processes and equipment used in the FCs, planning and designing systems that increase critical-to-quality (CTQ) business needs by improving integration of people, materials, equipment, software, and finance, and recommending changes to work methods, safety procedures, and labor standards. Typical projects could include spearheading a re-design effort for the inbound receiving dock, evaluating the ergonomic needs and issues for shipping clerk workstations, or conducting a capacity planning and analysis study for peak season. Requirements include a minimum of a bachelor's degree in Industrial or manufacturing engineering, 3 or more years of engineering Experience, and expertise with Microsoft Office products (Excel, PowerPoint, Word, Visio, and MS Project) and AutoCAD. Exposure to Six Sigma, Lean manufacturing efforts, transportation/logistics and/or fulfillment/distribution centers is preferred. Some travel may be required. Amazon.com website: [www.amazon.com](http://www.amazon.com)

•A Bounty of Job Opportunities - The U.S. government is recruiting as many as 200 industrial engineers for full-time employment at locations across the United States. The positions are with the newly created Transportation Security Administration and are part of the initiative to federalize passenger screening and baggage handling. Learn more about this exiting career opportunity by visiting the IIE home page. <http://www.iienet.org>

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](mailto:greg.andrysiak@trw.com)

## Membership Activities



*Ron Harbour presents the world-renown Harbour Report, gives his own views about the automotive industry during the August luncheon meeting.*



*Program VP, Bob Fitzgerald, gives Ron Harbour a certificate of recognition for "outstanding support to the Industrial Engineering profession".*



# Nominations for Officers

There are positions open next year for any of the offices shown on the front page of this newsletter. Some positions can be split up and we may have dual officers in some key positions. Please contact any of the officers for more information or contact Vito Wasniewski at (248) 524-7319 or Vito.J.Wasniewski@sbcdo.com



## WEBMASTER Needed

There is a present need for this Chapter's Webmaster. Did you ever want to learn how to manage a website? We can provide the software and the opportunity to learn if you do not currently have the know-how. If you have worked on a website, we can use your talents. This would require about 1 or 2 hours per month. Please contact Vito Wasniewski for more information at (248) 524-7319 or Vito.J.Wasniewski@sbcdo.com

Did you attend any IIE sponsored events?

If you attended any IIE sponsored events during the last year, your chapter wants to know. This may include the IIE May International Conference or any of IIE's seminars. We would like to acknowledge you in our Chapter Activity Report. Please contact Dr. Bijay Nayak at Phone: 248-299-6400, Fax: 248-475-4663, E-mail: bnayak@msn.com.

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## You Paid Your Dues...

**Now Enjoy the Benefits! All Member Societies of the ESD Affiliate Council Offer These Terrific Insurance Programs!**

**Auto and Homeowners Insurance** for ESD Members and Members of ESD Affiliate Societies.

*Underwritten by Citizens Insurance Company*

- 14% ESD Group Discount for Auto Insurance\*
- 13% ESD Group Discount for Homeowners Insurance\*
- Over 14,000 policies are now insured in this program

\* These discounted rates are available July 1, 2001 through June 30, 2002

**Health Insurance and Prescription Drugs** for Members

*Underwritten by Blue Cross Blue Shield of Michigan*

- Attractive menu of medical and dental plans
- Available for groups of 1 to 99 employees
- No pre-existing condition clauses or medical underwriting for groups of 2 or more.

**Dental Insurance** for Individual Members

*Underwritten by Michigan Dental Plans*

- No waiting periods
- Multiple options for deductibles and co-insurance
- \$2000 calendar year maximums

**Workers' Compensation Insurance**

*Underwritten by Citizens Insurance Company*

- Available to members who own engineering or architectural firms
- Average workers' compensation dividend history over the past four years is 38.8%

**Long Term Care Insurance** for Protection of Family Assets

*Underwritten by UNUM Life Insurance Company*

- Benefits are available from \$1,000 to \$8,000 per month
- Special rates for corporate firms and individual members

**Classic/Antique Car Insurance**

*Underwritten by Hagerty Classic Insurance*

- Agreed Value Coverage (full value paid upon a total loss)
- Only one liability charge per policy, not per vehicle

*Call Hartland Insurance Group for further information on any of these excellent ESD Affiliate Council-endorsed insurance programs.*

**(800) 682-6881**

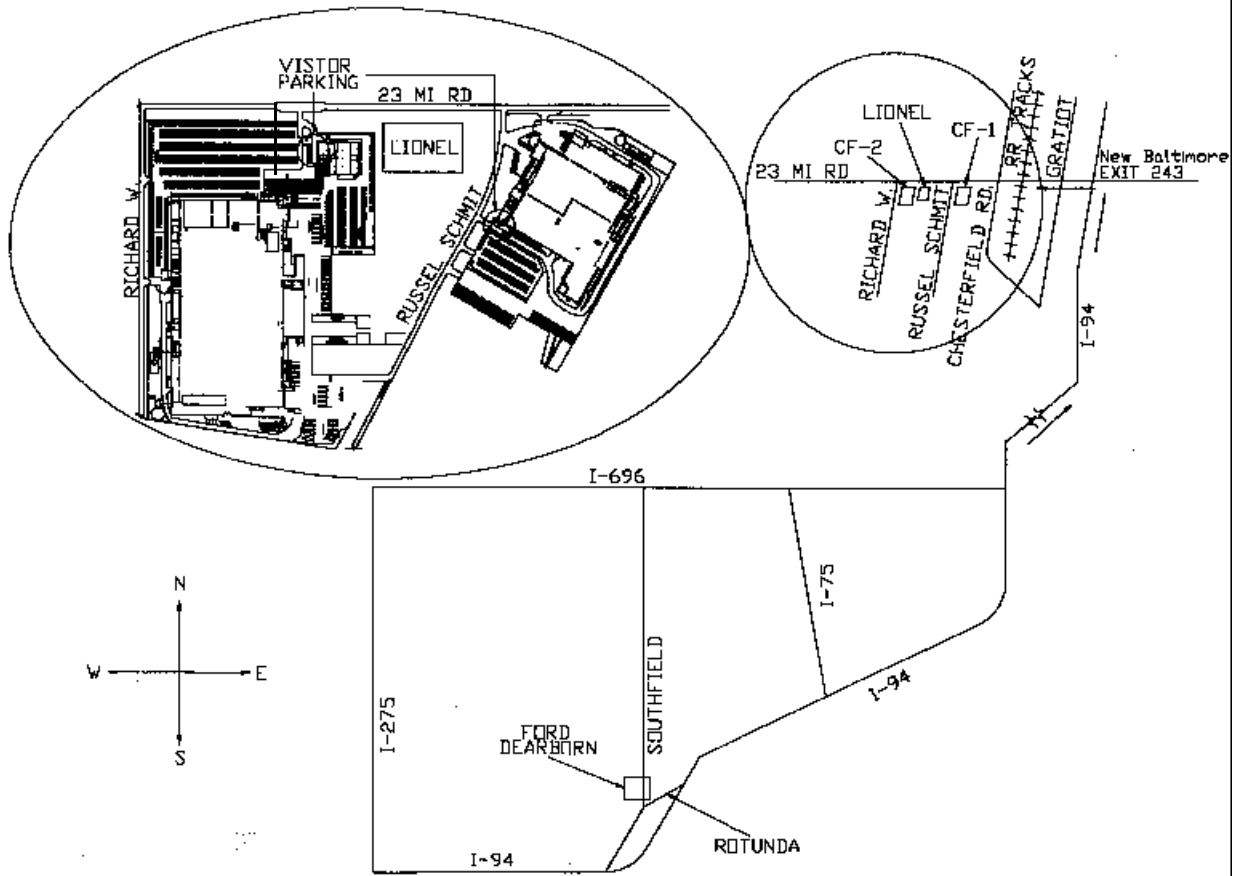
**www.e-hartlandgroup.com**

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**Map to Visteon Chesterfield Trim Plant 2**  
 Exit 243 off of I-94 (Go west past Gratiot Road)

26090 23 Mile Road, Chesterfield, MI 48051-1957  
 Conference Room No. 3

Institute of Industrial Engineers #47  
 c/o Ron Brzuch  
 7247 Almaden Court  
 Canton, MI 48187

**DATED MATERIAL**

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