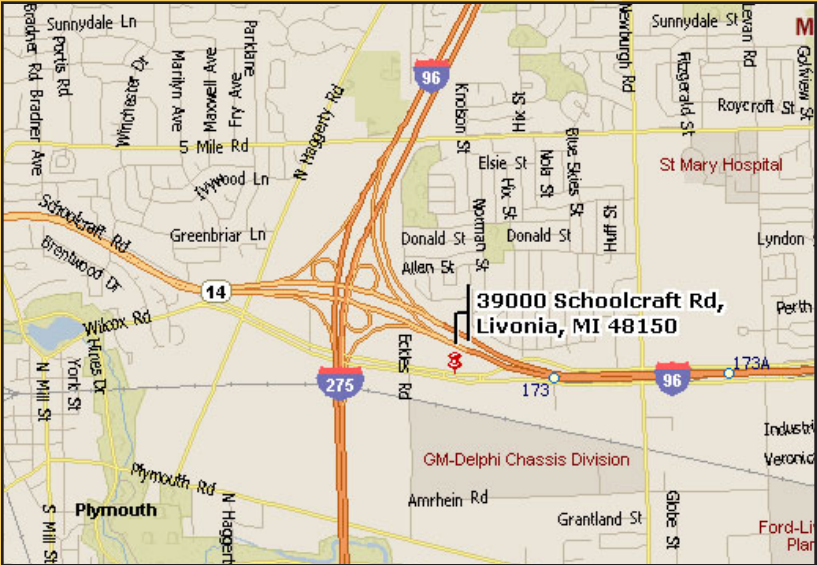


Join us for an exciting event with a wide-range of free, informative seminars. The trade show is open from 8:00 am until 5:00 pm and features table top demonstrations from the companies listed below. Seminars begin at 8:30 am and last until 4:30 pm. All seminars are one hour unless noted otherwise. Our Tailgate style feast is available from 11:30 am until 4:00 pm.

EVENT LOCATION



Laurel Manor

39000 Schoolcraft Road • Livonia, Michigan 48150 • P: 734-462-0770
Go online to <http://www.laurelmanor.com/corporate/contactus.html> for more location information.

REGISTRATION

You can register for the event at www.electro-matic.com. The registration link is located on the homepage. If registering for more than one person, please register each person individually. If you have any questions, please contact our event coordinator, Evelyn Chou, at 248-442-2902 or email her at echou@electro-matic.com.

JOIN US FOR THIS EXCITING EVENT!

Learn How You Can Make Your Business More Competitive by Utilizing State of the Art Automation Technology

DEMOS, SEMINARS & FOOD

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ELECTRO-MATIC PRODUCTS, INC
23409 Industrial Park Ct.
Farmington Hills, MI 48335
P: 248-478-1182 • F: 248-478-1472
www.electro-matic.com

8560 Centre Industrial Ct., SW, Suite 6
Byron Center, MI 49315
P: 888-273-6164
2868 Westway Drive, Suite G
Brunswick, OH 44212
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2009 MARCH MADNESS TECHNOLOGY TIP-OFF

LIVONIA, MI • MARCH 19, 2009

ELECTRO-MATIC PRODUCTS, INC **SIEMENS**

SEMINAR DESCRIPTIONS

FOR A COMPLETE SCHEDULE AND REGISTRATION,
LOG ON TO WWW.ELECTRO-MATIC.COM

Arch Flash Protection— Personal Protection Equipment (PPE) & Tools per NFPA70E Requirements

1:00 pm • Presenter: CIP

CIP will address the issue of arc flash protection, explaining and demonstration the proper use of tools and clothing. NFPA70E is now in effect and CIP will help you to understand and fill your safety needs. We will answer questions in regards to protecting your people from possible injury or worse from an unexpected arc flash.

Component Based Automation over Ethernet

11:00 am • Presenter: Siemens

See a quick, dynamic demonstration of Siemens unmatched automation solution in action. Witness how our power Graphical Component Based Automation solution can help you create a more efficient and productive plant floor: No Programming Necessary, Seamless Integration.

Ethernet Infrastructure

12:30 pm • Presenter: Siemens

Attendees will be introduced to a full line of Ethernet infrastructure products. Complex technologies such as understanding wireless protocols, IGMP snooping and meshing will be addressed. The attendee is encouraged to bring application challenges to the session.

General Purpose Drives

12:30 pm (2hr seminar)

Presenter: Siemens

Attendees will gain an understanding on how to configure and commission Siemens GP drives with hands-on exercises and gain knowledge of the types of applications that are supported. Limited to 10 attendees.

'Green' Trends in Climate Control for Industrial Applications

4:00 pm • Presenter: Rittal

A look at new technology employed in climate control for industrial applications allowing for reduced power consumption, lower maintenance costs and elimination of condensate drip bottles and filter waste.

I/O Solutions for Industry

1:00 pm • Presenter: Siemens

Attendees will be introduced to Siemens ET200 family of I/O solutions and gain an understanding of how standard and safety functions can be implemented into a common system. Gain exposure to distributed intelligence using open bus protocols.

Industrial Ethernet Cable and Connectivity Solutions

12:00 pm • Presenter: Nexans

Attendees will be introduced to Nexans Industrial Ethernet cable products. This includes composite static and high flex products. In addition, this seminar will cover cable and connector solutions that handle power over the ethernet.

Intelligent Motion Control

8:30 am & 3:30 pm • Presenter: Siemens

Attendees will receive a thorough introduction and overview of Siemens SIMOTION motion control platforms. The attendees will also be introduced to the SINAMICS intelligent motion drive systems. We will also highlight the integrated motor drive combination.

Latest Trends in Control Enclosure Designs

9:45 am • Presenter: Rittal

A look at the advantages of Modular Enclosure designs versus traditional welded cabinets, resulting in smaller floor footprints and lower total job costs. Includes application photos.

Manufacturing Execution Systems in Industry

8:30 am & 1:00 pm • Presenter: Siemens

With today's economy, Manufacturers need to focus on improving their current plant efficiency more than ever, as new lines and new plants are beyond their financial reach. Using business demand to drive the coordination of the plant floor can provide synchronization and optimization of your manufacturing process. Employing standard workflows in the production process can reduce current costs by improving quality, reducing cycle time,

and reducing scrap. In today's challenging economy, plant manufacturers are investing in MES systems to make their businesses more efficient and reduce their overall costs. Come meet with a representative of Siemens MES business to learn how you can apply even a small scale MES solution to immediately improve your throughput, efficiency and bottom line.

MCC/Simocode

2:30 pm • Presenter: Siemens

Introduce the features, values, and benefits of the new SIMOCODE pro Motor Management System. Learn why OEMs and end-users are specifying this innovative new product. Based on its modular design, see how it can be implemented in retrofit applications.

Mechatronics

10:30 am (1.5hr. Seminar)

Presenter: Siemens

Mechatronics is not a buzzword, but a structured, systemic approach to designing and optimizing the integration of any mechanical process with its controlling electronic devices and real-time software. Formulated originally in robotics, the mechatronics design principles are applied nowadays to everyday motion controlled machines. Mechatronics design helps companies achieve better products, more accurate and productive systems, while dramatically reducing the development time. The seminar will show some basic steps in performing a mechatronics design and optimization, its importance in the product lifecycle and the tools available from Siemens that help improving machines productivity and time-to-market.

Microautomation Test Drive

3:30 pm (1.5hr seminar) • Presenter: Siemens

Attendees will receive a thorough overview of emerging technologies that are bridging complex automation solutions and the cost associated with them. Examples of simple networking, motion control, weigh scale, GPRS connectivity are just a few of the highlights.

Modular Safety Systems

11:30 am • Presenter: Siemens

Simplify wiring of multiple safety functions See for yourself how flexible and efficient integrated safety can be. SIRIUS MSS, the new modular and software-parameterizable safety system, is our latest expansion of our comprehensive safety technology portfolio. Benefit from this integrated and safe platform for your machine and system availability. Advantages include modular flexibility and communication capabilities to higher level control systems. Cost savings are realized with the fast and easy parameterization MSS ES software.

PCS7 Overview

8:30 am (1.5hr seminar) • Presenter: Siemens

Attendees will gain an understanding of Siemens DCS offering for the Hybrid/Batch process applications. How Process Safety is integrated into the system architecture. You will hear application success stories based around PCS7 and Totally Integrated Automation.

Power Security using SITOP

3:00 pm • Presenter: Siemens

Does your application require a 24/7 uptime for critical 24 VDC equipment? We'll show you how to save money by minimizing downtime and increasing production efficiency. We are hosting a product training session to introduce how a reliable power supply system helps to minimize downtimes and increase the efficiency of production. Monitor the operating status of the power supply system from the upper level control system in order to respond quickly when failures occur. Add protection by choosing from the following power security functions.

- Brownouts and short voltage fluctuations
- Longer lasting power failures
- Redundancy
- Electronic diagnostic to protect individual 24 VDC load circuits against short circuits

Reducing Costs in Controls Design while Increasing Productivity in Build Process

8:30 am • Presenter: EPLAN

Learn how to achieve exponential efficiency and quality gains across the complete design, build, commissioning and maintenance cycle by seamlessly integrating an intelligent electrical CAD/CAE tool into your processes and enterprise environment.

Safety Integrated Hands On

8:30am (4hr seminar) • Presenter: Siemens

Attendees will be introduced to the changing standards and gain hands on experience working with safety applications in a working environment. Gain valuable insight into how to integrate Safety into standard PLC applications using OpenNetworks. Attendees will have the opportunity to work with hardware and software to solve Safety application problems. STEP 7 overview with Safety logic introduction and Safety Integrated. Note: Space is limited to 20 attendees.

Safety Standards

2:00 pm & 4:00 pm • Presenter: Siemens

The market demands safety-oriented solutions in order to make sure that people, machines, and the environment are protected. Siemens has responded to these demands and has developed machine safety solutions for applications in the manufacturing industry. You will learn current industry trends driven by revised safety standards, how to reduce costs, how to combine factory automation and safety technology into one system, and how to use this state-of-the-art Siemens technology with your existing system.

Service and Support

9:30 am & 2:00 pm • Presenter: Siemens

Participants will be introduced to the recently redesigned Siemens Support Website. Learn how to save time by creating an online support request. Discover the four ways to search the site and find the answers to all product questions. Personalize the experience by streamlining the product information shown on the home page or in the newsletter. Build custom manuals in 5 different languages using the new Siemens Documentation Manager.

Track & Trace Solutions Using RFID

10:00 am • Presenter: Siemens

Attendees will gain an understanding about all the hype that is surrounding RFID technology. Hear how Siemens has been a world leader for over 25 years and the applications that have been solved. Gain experience in what is involved in implementing an RFID system.

Trapped Key Solutions to Machine Safety

11:30 am • Presenter: Fortress

The seminar will highlight an alternative method of gaining access without the use of electrical gate switches.

Unleashing the Power of EPLAN through Professional Services

2:30 pm • Presenter: EPLAN

Research shows over 80% of software implementations result in failure due to poor planning. Don't be a statistic. Gain a better understanding of how you can rely on EPLAN's over 20 years of industry expertise and proven methodologies to achieve maximum results.

What You "Need" to Know About Arc Flash Hazard Assessments (Best Practices and Misconceptions)

3:30 pm (1.5hr seminar) • Presenter: Littelfuse

OSHA 1910 Subpart S is now enforcing proper use of PPE, and OSHA is citing NFPA70E as an acceptable method for Arc Flash Hazard abatement. This course will include the following topics:

- What is needed to comply
- 9 step process for Arc Flash Hazard Assessment
- Common misconceptions and mistakes made when doing "hazard" assessments
- How to use the NFPA70E Tables for Hazard Assessments
- Methods for lowering hazards
- Should companies outsource an electrical hazard assessment (Pro's & Con's)
- Suggestions and checklist for creating a Arc Flash Hazard Analysis Plan (Do's and Don'ts)

WinCC Flexible Hands On

8:30 am & 1:30 pm (3hr seminar)

Presenter: Siemens

Attendees will be exposed to Siemens WinCC Flexible in a hands on class environment. An introductory class on using the tools to configure Siemens HMI systems and the connectivity options available. (Ethernet I/P, PROFINET, PROFIBUS etc.) System features that provide cost advantages for machine control & data collection. Limited to 20 attendees.