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<td>419-662-6231</td>
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<td><a href="mailto:bjcurtis@matrixti.com">bjcurtis@matrixti.com</a></td>
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<td>419-372-7507</td>
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<td>567-249-8246</td>
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2019-2020 ISA Toledo Section
Meeting Schedule
(Typically 3rd Wednesday)

September 18, 2019    Magmeters for Wastewater Treatment Processes
October 16, 2019      Choosing the right level transmitter
November 21, 2019    UT Student Section
December             No Meeting in December

January 15, 2020     Paul Gruhn, ISA National President
February 20, 2020    TSPE Engineer’s Week Banquet
March 18, 2020       Four Fires Meadery Tour
April                BGSU Student Presentations
May                  Awards / Elections
June – August        Break for Summer

Note: Meetings with a “*” are not on the Third Wednesday
Dear ISA Toledo Section Members,

Continuing with our ISA Toledo Section activities, we will have another year of exciting presentations, tours, and events in 2020.

Thank you to all of the manufacturers, representatives, and companies that support our Vendors Exhibition/Symposium and our Monthly Newsletter.

We encourage all members and student members to attend our monthly meetings; please get involved. Thank you to the people that attend our meetings, your participation helps all of us. New members are always welcome. Please mention to your friends, colleagues, and classmates that they are welcome to attend our meetings too! We usually have dinner afterward, but that is optional. We post on our website www.isa.org/toledo information about previous months’ meetings.

If you are interested in joining the ISA Toledo Section, please contact Jessica Bollin Smith or go to www.isa.org to join and select the Toledo Section as your section. Professional Membership costs $130 for one year, and Student Membership costs $10 for one year, students may join the Toledo Section as Student Members no matter where you go to college.

We realize that many members are not near Toledo. If you are in our area, please come to our meetings. If you want to start a local Section near you because Toledo is too far from you, please contact the ISA Sections Staff Team at sections@isa.org.

Thank you to our officers of the Toledo Section during the current and previous years, we appreciate all of your time and dedication to keep our section active and exciting.

Our meeting on January 15, 2020, Paul Gruhn, ISA National President 2019, presented to us an important and interesting safety topic “The Next Bhopal”. We appreciate the time that Paul made available to us to come from Houston, Texas, to bring to us the many aspects of safety to be aware from design to construction to startup, and field changes effects. Unfortunately many died and were injured in Bhopal, may we learn from their mistakes. Look at the ISA’s InTech Magazine for January/February 2020, because our Toledo Section is mentioned on Page 42.

Our Nominating Committee has accepted nominations for officers for our Section for the July 2020 to June 2021 year: President-Elect/Program Chairman, Secretary, Treasurer, and Membership Chairman.

Sincerely,

Bob Kurczewski
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ISA brings the right people together to create the technologies of the future and share best practices with the next generation of automation professionals.

KEY POINTS
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- 1/6

Thrill Seeking
On Thursday February 20, 2020, ISA Toledo Section met at Parkway Place in Maumee, OH for the E-Week Banquet organized by the Toledo Chapter of Ohio Society of Professional Engineers as part of the National Engineers Week. The highlight of the evening was the presentation, ‘The Art of Living Dangerously,’ by the keynote speaker Mr. William Gurstelle. Following the social hour and banquet dinner, awards were first presented to Ms. Bernadette Caris for 2020 TSPE Young Engineer and Mr. Michael Gramza II, P.E. for 2020 Engineer of the Year.

The keynote speaker, Mr. Gurstelle is a mechanical engineer and science writer. He has written several books and is a bestselling author. His presentation on personal and professional risk taking was based on his book Absinthe and Flamethrowers. The presentation started with examples of several people that were risk takers: Thomas Edison, Winston Churchill and Amelia Earhart. He then talked about sociology of risk taking and mentioned about Big-T and little-t people referring to ‘thrill seekers’. He informed about the bell (normal) curve from statistics in the context of how adventure seeking and human traits follow the distribution. He also mentioned about 2D:4D test of fingers (digits) and its perceived relation to risk taking. Mr. Gurstelle’s presentation has captivated audience for about an hour with humor and useful information.

ISA Toledo Section is a bronze sponsor for this year E-Week. We had good turnout for this event, 14 members and guests attended the event. We enjoyed a fine banquet dinner with selection of beef and chicken items and dessert section included cheesecake. The food was delicious, and we all had a nice time meeting and talking to other professional society members at the event.
The Toledo Section of ISA will be sponsoring a one day training course on March 25, 2020.

Course #1C32C — Introduction to Industrial Automation Security and ANSI/ISA99 62443 Standards.

Registration and course information is available on the ISA website. Follow the link directions below or click on the link for more information and to register.


The training will take place at the Residence Inn by Marriott in Maumee, Ohio.

https://www.isa.org/events-conferences/events-calendar/event-details/?productId=67361029

Looking forward to seeing you there,
Your Toledo ISA Section officers
Using the ISA/IEC 62443 Standards to Secure Your Control Systems (IC32)

25 March 2020
Length: 1 Day | Time: 8:00 a.m. - 4:00 p.m. | CEU Credits: 0.7
Member Price: $600 USD | List Price: $755 USD

This seminar teaches you the basics of the ISA/IEC 62443 standards and how these can be applied in the typical factory or plant. In this seminar, you will be introduced to the terminology, concepts, and models, as well as the element of creating a cybersecurity management system along with how these should be applied to industrial automation and control systems.

After taking this class, you will be able to:
- Discuss why improving industrial security is necessary
- Describe the core concepts of risk and vulnerability analysis methodologies
- Define the concepts of defense in depth and the zone/conduit models of security

Topics covered include:
- Current Security Standards and Practices
- Risk Analysis: Business Rationale | Risk Identification, Classification, and Assessment
- Monitoring and Improving the CSMS: Compliance and Review | Improve and Maintain the CSMS

Location
Residence Inn by Marriot
1370 Arrowhead Dr Maumee, OH 43537-1728

Register Today
www.isa.org/tooledotraining
info@isa.org
+1 919-549-8411

Discounts Available
Early Bird Discount:
Register 30 days prior to any class and save 10%
Save with ISA’s multi-registration rate!
Learn more at www.isa.org/training/multireg

This course is part of the ISA/IEC 62443 Cybersecurity Certificate Program
Learn more at www.isa.org/safetycertified
Four Fires Meadery Tour

https://www.4fmeadery.com/

We started this meadery out of a garage as four friends experimenting with mead making. Eventually we reached a crossroads where we felt that we needed to share the meads that we as a collective were making. Thus the motivation and inspiration for Four Fires Meadery was born.

Now, a few years in, this meadery has become not only a great source of pride and joy for us, but it will also be the first meadery in Toledo, Ohio…which is pretty cool! Our main objectives are to support and give back to our local community, produce the best possible products with a focus on continual improvement, and to assist and promote the spreading of mead knowledge.

So, what’s in a name? We derive our name from the original native tribes of northwest Ohio and the surrounding areas; the Chippewa, the Ottawa and the Potawatomi. In 796 AD the three tribes decided to work together and The Council of Three Fires (tribes) was created. So where did we get Four Fires? Well there are four of us, hence, Four Fires!

Tour Location:
Four Fires Meadery
1683 Lance Point Rd, Unit 106
Maumee, OH 43537

<table>
<thead>
<tr>
<th>Time:</th>
<th>Dinner Cost:</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00</td>
<td>Toledo Section Members .............. $15</td>
</tr>
<tr>
<td>Dinner following the tour. Dinner location TBD</td>
<td>First Guest .......................... $20</td>
</tr>
<tr>
<td></td>
<td>Student Members ........................ $5</td>
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</tbody>
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Contact: For reservations, please register at https://forms.gle/vbiujGY4TdAT1MRp6 or by sending an email to jpeeno@gmail.com with the subject “March ISA Meeting”