



Sensors Midwest Partners with Fraunhofer USA and Sonoma State University, CA to host IoT Enabled Industry 4.0 Certification Workshop

IoT Enabled Industry 4.0 Certification Workshop to cover trends, concepts, and how to deliver higher value to customers

Newton, MA – September 5, 2018 – [Sensors Midwest](#) (#SensorsMW18), the event for sensors design and industrial IoT, and sister to show [Sensors Expo & Conference](#), announces their partnership with Fraunhofer USA Center for Experimental Software Engineering (CESE) and Sonoma State University, CA, to conduct an IoT Enabled Industrial IoT Certification Program. Taking place on October 17, 2018 at the Donald E. Stephens Convention Center, this partnership will host a Workshop designed to inform and guide the top decision makers and executives on how to prepare their organizations for the Industry 4.0 trend and create higher value to customers.

Quick Links:

- Registration: <http://www.sensorsmidwest.com/register>
- Workshop: <https://www.sensorsmidwest.com/workshop>
- Exhibitor Information: <http://www.sensorsmidwest.com/why-exhibit>
- Social Media channels: [Facebook](#), [LinkedIn](#), [Twitter](#), and [Instagram](#)

This workshop aims to help attendees understand and respond to the Industry 4.0 trend through lectures, discussions, factory use cases, and industry 4.0 technology demonstrations. It begins with a broad overview of Industry 4.0 concepts, targeting manufacturing executives and decisions makers who want to understand what industry 4.0 is and how they can get their organizations ready for it. Following the introduction, follow-on workshop modules take a deeper dive into industry 4.0 details, addressing the needs of production and technical managers. By the end of the workshop, participants will have a strong understanding of Industry 4.0 and how it can be used to solve business problems and deliver higher value to customers.

“I am very excited and honored to Chair the Workshop,” said Shivakumar Mathapathi, Adjunct Professor, and International Co-coordinator - Sonoma State University. “The IIoT Workshop is designed to help startups, mid-size, and large companies to come together and build world-class industrial IoT solutions. We are very fortunate to work with Fraunhofer USA CESE to bring few real-time Industrial IoT use cases,” added Professor Mathapathi.

“This is a unique experience to work with Sensors Midwest delegates, to share Industrial IoT research, connecting machines with real-time sensor data, making machinery more intelligent to deliver efficient and optimum results,” said Dr. Pankesh Patel, Senior Research Scientist, Fraunhofer USA CESE.

“I am very happy to be associated with Sensors Midwest and Fraunhofer to lead the workshop in evaluating the process,” expressed Dr. Farid Farahmand, Chair, Department of Engineering Science, Sonoma State University.

The IoT Enabled Industry 4.0 Certification Workshop consists of a wide range of technology, building IoT blocks, connectivity, and cloud solutions. The basic framework and examples created by Fraunhofer will further expand building, machine learning, artificial intelligence, and how robotics equipment are in a more secure way of connection. The Workshop also assists attendees plan for digital transformation for various tasks within their enterprise/manufacturing environment. Each attendee receives an IIoT completion certification. For further details please visit: <https://www.sensorsmidwest.com/workshop>

About Fraunhofer USA

The Fraunhofer USA Center for Experimental Software Engineering (CESE) conducts applied research to support the software-enabled innovations created by our customers in industry, government, and academia. Fraunhofer CESE develops and uses advanced, effective and scalable approaches to software and systems engineering, delivers powerful testing and verification strategies and tools, and uses state-of-the-art measurement and analysis methods to support its customer's challenges.

About Sonoma State University

Sonoma State University is a public comprehensive university, fostering intellectual, cognitive, social and personal growth. The Electrical Engineering program at Sonoma State University is a leading provider of electrical engineering talent to the North Bay area's high-tech industry. The EE curriculum is designed to prepare the EE graduates for the dynamic global society. The state-of-the-art laboratories, sponsored by industry, provide an opportunity for our students to prepare for their profession.

About Sensors Midwest

[Sensors Midwest](#) will take place October 16-17, 2018 at the Donald E. Stephens Convention Center in Rosemont, IL. A sister show of the national Sensors Expo & Conference which will be hosted June 25-27 2019 in San Jose, California, Sensors Midwest is supported by the event's official publication, [Sensors Online](#), the industry's leading resource and authority on sensing, communication, and control. Sensors Midwest is produced by [Questex LLC](#), a global, diversified business-to-business integrated media and information provider, headquartered in Newton, MA.

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