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## **2018 PFMA Expo Seminar Schedule**

**The following seminars are presented free by PFMA Expo Exhibitors:**

**Wednesday, March 14, 2018:**

**Conference Area 3: 10 AM- 11 AM:**

**Achieving Electrical Safety and Reducing Property Loss in the Workplace-  
(1) CEU available**

**Presenter: Mike Gilley, Fox River Systems**

**Overview of tools and techniques for mitigating arc flash, shock hazards and property loss in facilities. Includes a high level overview of NFPA 70E, meter safety, PPE requirements, and thermal imaging inspection of electric infrastructure whether you do it yourself or contract to get it done.**

**Conference Area 3: 11 AM – 12 Noon:**

**Silica Awareness Session- (1) CEU credit available for Dwelling Contractor Qualified License  
Presenter: Rocky Everly, Milwaukee Lead & Asbestos Information Center**

**Learn about the new OSHA rule that went into full enforcement September 23, 2017. This seminar will provide an overview of the rule and who should take the course.**

**Conference Area 4: 11AM- 12 Noon:**

**Spray-In-Place Pipe Rehabilitation**

**Presenter: Jessica Morrison, SUEZ Advanced Solutions**

**(1) CEU available from WI DNR approved for General Septage, Incinerator, Landfill,  
Municipal Waterworks, OTM/NN, Wastewater**

**Structural Spray-In-Place Pipe (SIPP) Rehabilitation is a cost-effective, structural, non-invasive way of preventing future leaks and breaks within a water and wastewater system. This trenchless, efficient, and long-lasting method of pipe rehabilitation using an epoxy-based NSF-61 approved coating system has been used throughout the U.S. for the last 17 years as an alternative to replacing piping. The technology can be used on pipes ranging from 1 ¼ inches to 72 inches in diameter, both vertical and horizontal.**

**Conference Area 1: 12:30 PM- 1:30 PM**  
**MAKE MONEY and Save Time with LED Lighting and Energy Saving Technology!**  
**Presenter: William M. Fuchs, President, Logical Green Solutions**

**You can implement energy saving technology in your building that will increase the value of your property and immediately add cash flow and bottom line profit. Your monthly savings from your electric bill can pay for your new energy saving technology, and you often have money left over to increase profits or for other projects every month!**

**Conference Area 2: 12:30 PM- 1:30 PM**  
**Bearing Protection for Electric Motors Used with Drives**  
**Presenter: Jay Koenitzer, Helwig Carbon Products Inc.**

**We will cover the essentials of protecting the bearings in your electric motors that are used with VFD drives. Although these drives save energy, without bearing protection you could experience costly downtime and repairs. This seminar will show you how to prevent this from happening.**

**Conference Area 3: 12:30 PM- 1:30 PM**  
**Topic: New Ways of Troubleshooting and Predictive Maintenance Using Thermal Imaging**  
**Presenter: Mike Toby, Fluke Corporation**  
**Sponsored by Wisconsin Control Corporation**

**Description: See new and unique ways to use thermal imaging for finding the source of problems. See how leaks and cracks, excessive wear, electrical problems, inefficient or improper operation of equipment can show themselves through the use of thermal imaging.**

**Conference Area 4: 12:30 PM- 1:30 PM**  
**Topic: TBA**  
**Presenter: Prudential Insurance Company of America**

**Conference Area 1: 1:30 PM- 2:30 PM**  
**EV with PV- Electric Vehicle Charging with Solar Power**  
**Presenter: Mike Cornell, Energy Consultant, Arch Electric Inc.- The Solar Energy Experts**

**Learn about installing PV charge stations and solar energy solutions. You won't want to miss this informative and dynamic presentation featuring multiple speakers including EV charging manufacturers and solar companies.**

**Conference Area 2: 2:00 PM- 3:00 PM**  
**Steam System 101- Understanding Your Energy Systems Better**  
**Presenter: Jay Ehrfurth, PE, The Boldt Company**

**This presentation will address the concepts of looking at the production setting (boiler room) and distribution/end user as one in order to maintain harmony and balance throughout the entire system. We will also touch on cares and concerns when adding onto an existing system when addressing start-ups and commissioning.**

**Conference Area 3: 2:00 PM- 3:00 PM**  
**High Efficiency Hydronic Air & Particulate Removal- a Guide to Reducing Energy, Maintenance and Operational Cost**  
**Presenter: Matt Pefley, Spirotherm, Inc.**

**Join us for this technical discussion on traditional approaches to addressing air and dirt problems within chilled water and heating hot systems and the effect that Coalescing technology has on reducing costs, the impact on heat transfer and energy savings.**

**Conference Area 4: 2:00 PM- 3:00 PM**  
**Getting Started with Proactive Maintenance of Electro-Mechanical Equipment and Electrical Infrastructure- (1) CEU available**  
**Presenter: Mike Gilley, Fox River Systems**

**An introduction to essential equipment reliability concepts and relatively low-cost tools that can be used with limited training to identify electro-mechanical problems before they become catastrophic. Learn how vibration and thermal measurements serve as indicators of electrical and mechanical equipment health and the corrective actions you can take to avoid unplanned downtime.**

**Conference Area 1: 2:45 PM- 3:45 PM**  
**Ice Pigging: A Safe and Effective Way to Clean Almost Any Piping System**  
**Presenter: Jessica Morrison, SUEZ Advanced Solutions**  
**(1) CEU available**

**Dirty Water Complaints? Flow constraints within your system? Blockage within a pipe? Having the ability to clean your internal and external pipes is an effective way to help eliminate these problems. Ice pigging, a sustainable technology uses an NSF-61 certified ice slurry to clean your piping systems- eliminating the chance that a traditional pig might get stuck within your pipes. This presentation will show local success stories of how ice pigging has helped Wisconsin customers address situations like water quality, pipe blockage and sediment/debris within piping systems.**

**Thursday, March 15, 2018:**

**Conference Area 3: 10 AM – 11 AM**

**Improve the Uptime and Useful Life of Motors, Drives, and Rotating Equipment**

**Presenter: Mike Gilley, Fox River Systems**

**(1) CEU available**

**An Overview of tools and essential strategies for staying ahead of failure using vibration analyzers, power quality and motor analyzers, and thermal imagers. Learn how the measurements from these tools are used to identify and validate problems and the follow-up corrections made.**

**Conference Area 4: 10 AM – 11 AM**

**Wells & Pumps Asset Management**

**Presenter: Jessica Morrison, SUEZ Advanced Solutions**

**(1) CEU available**

**Through preventative maintenance and attention to the specific needs of your wells, your community will be armed to prevent catastrophic mechanical failures as well as be equipped to maintain your well asset for a lifetime. A systematic approach to well asset management will be outlined during the presentation. See how preventative maintenance and a customized plan for each of your wells can extend the life of your pumping equipment and the life of the well.**

**Conference Area 3: 11 AM – 12 Noon**

**Save Money by Extending the Life and Performance of Expensive Forklift Batteries**

**Presenters: Larry Folz, Industrial Battery Service, and Ty Foren**

**Learn how your company can Save Money by Extending the Life and Performance of Expensive Forklift Batteries by using our proven desulfating equipment and additives. This process has been used for 25 years in Asia, South America & Europe.**

**Conference Area 4: 11 AM – 12 Noon**

**Topic: TBA**

**Presenter: Prudential Insurance Company of America**

**Conference Area 1: 12:30 PM- 1:30 PM**

**TRANSFORMATION and RENEWAL- ADAPTIVE REUSE and  
HISTORIC PRESERVATIONS**

**Presenter: Balestrieri Environmental & Development Inc.**

**Description: Environmental responsibility and green construction techniques combined with historic preservation projects continue in the building industry. Commercial alteration and adaptive reuse have grown in popularity with a conscious focus on recycling.**

**Conference Area 2: 12:30 PM-1:30 PM**  
**Understanding and Preventing Bearing Failure due to Shaft Voltage Discharges**  
**Presenter: Ken Wegrzyn, EST Aegis**

**The cause, determination and prevention of shaft voltage discharges on electric motors, which cause early bearing failure, will be explained.**

**Conference Area 3: 12:30 PM- 1:30 PM**  
**Understanding Power and Power Quality Measurements as They Apply to Maintenance**  
**Presenter: George Vlahos, Regional Manager, AEMC Instruments**  
**Sponsored by Wisconsin Control Corporation**

**Understand different types of power quality measurements and how to determine if you may have a problem at your facility. Learn the effects of many common abnormalities and how to track down their causes. Investigate different methods for elimination, reduction or correction of problems based on the results of measured power quality data.**

**Conference Area 1: 2:00 PM- 3:00 PM**  
**Steam Trap School**  
**Presenter: Tim Thuemling, Thuemling Industrial Products**

**We will deal with the proper maintenance and problem solving involved with steam heating systems. The course will include: One and Two pipe systems, types of traps, how to trouble shoot and test traps and Focus on Energy Trap Incentives.**

**Conference Area 2: 2:00 PM- 3:00 PM**  
**Lifting & Rigging Inspections for ASME & OSHA**  
**Presenter: Jeff Ferchen, Rockford Rigging**

**The National Safety Council reports the manufacturing sector had one of the highest numbers of medically consulted injuries in the U.S. accounting for 292 deaths and 640,000 reported medically consulted injuries. The use of rigging gear requires safety training – specialized rigging training for moving materials is essential for safety in the workplace. ASME 830.9 requires all users of slings and rigging hardware to have training. This seminar will cover some financial impacts of implementing a safety management practice and discuss some of the inspection/rejection criteria for slings and below the hook lifting devices.**

**Conference Area 3: 2:00 PM- 3:00 PM**  
**Topic: Clean Air Is No Accident**  
**Presenter: Ed Roth, Hastings Air Energy Control, Inc.**

**This presentation will look at the processes involved in selecting proper dust collectors or air cleaners for a wide range of applications. Special emphasis is given to combustible dust compliance along with addressing hexavalent chromium, manganese, cadmium and exposure to other harmful airborne contaminants. Novices to budding experts will all benefit from the “real world” information provided.**

**Please Note: Additional vendor sponsored seminars may be added. Visit the PFMA website for the latest list of seminars: [www.pfmainc.com](http://www.pfmainc.com)- click on 2018 Expo- Attendee Information**