

Oregon Society for Healthcare Engineering 35th Annual Spring Conference



May 9 – 11, 2018

Golf Tournament: May 9th

***“Healthcare Facilities Management -
Beyond the Basics”***



*Offering __ Contact Hours & .__ CEUs
by the American Society for Healthcare Engineering of the
American Hospital Association*

**The Riverhouse Hotel & Convention Center
Bend, Oregon**

Conference & Golf Prime Sponsors:



PROGRAM SCHEDULE

Wednesday, May 9, 2018

10:00 am – 3:00 pm **Golf Event (Shotgun Start)**
Rivers Edge Golf Course

Golf Supporting Sponsor: Perlo

Golf Lunch Sponsor: Johnson Barrow Oregon

**Golf Cart Sponsors: Total Mechanical, Inc., Trane &
Columbia Roofing & Sheet Metal**

3:00 pm – 5:00 pm **Technical Exhibitor Move In**

5:00 pm – 7:00 pm **Welcome Social & No-Host Bar**
Cascade CDEF, Corridor & Deck
On-Site Registration/Check-in

Thursday, May 10, 2018

7:00 am – 8:30 am **Breakfast Buffet**
Cascade ABGHIJ

7:00 am – 12:00 pm **Registration/Check-in**

7:00 am – 8:00 am **Technical Exhibit Hall Opens**

8:00 am – 8:15 am **Welcome & Opening Ceremony**
Matt Stormont, OSHE President, Manager
Operational Compliance, OHSU
Cascade ABGHIJ

8:15 am – 9:30 am **Keynote Speaker**
Rob Hinton, Director of Operations and
Maintenance at the University of Washington
Medical Center
Cascade CDE

9:30 am – 10:00 am **Break/Exhibit Hall & Networking**
Exhibitor Door Prize Drawings
Cascade ABGHIJ
Sponsored by: Air Reps, ARC & MacDonald Miller

BE SURE TO VISIT OUR EXHIBITORS

AFNW, Inc.
Air Reps
ARC
ASSA ABLOY Entrance Systems (BESAM)
ATG, a JLL company
ATS Facility Systems
Bailey Sales
BeaconMedaes
Belimo Americas
Camfil USA
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MacDonald-Miller
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Mechanical Sales, Inc
Modular Services Company
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Performance Systems
Peterson Cat
Precision Images
Primex
Proctor Sales Inc.
Rogers Machinery Company
Schulz Associates
SERVPRO of Bend
Siemens Industry, inc.
Straight Up Elevator Co.
Sustainable Mechanical Systems
Total Mechanical, Inc.
Trane
Tremco roofing & Building Maintenance
West-Com & TV, Inc.
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Many thanks to our supporters!
Conference & Golf Tournament Sponsors:



10:00 am – 11:00 am **Concurrent Breakout Session 1**
“Mobilizing Your Facility Operations - Productivity Through Data Analytics”
 Mike Johnson, MacDonald-Miller
 Cascade CDE

Critical HVAC and other infrastructure such as Fire Alarm and Security systems are no longer standalone systems and are increasingly being specified as having some form of interconnectivity.

The trend of these systems and interconnectivity demands are increasing. The demand on facilities continues to increase, while at the same time capital and operating resources stay the same or decrease. How can facilities capitalize their current critical resources and make use of all that data?

“The Advancement of Pressure Independent Technology”

Gary Cole, Belimo Americas
 Lower Level Banquet Room

A review of the evolution of pressure independent technology up to the current “state of the art”. Discuss variable flow hydronic systems. Understand water coil behavior and heat transfer. Describe low delta T syndrome and its negative effects. Explore the two types of pressure independent valve technologies. Introduce Intelligent Control Valve technology.

11:00 am – 12:00 pm **Concurrent Breakout Session 2**
“Meeting, Tracking and Reporting Regulatory Compliance Requirements with CMMS”
 Rich Sable, EQ2 and Keith Geary, Mason General
 Cascade CDE (Panel Presentation)

Automation has become a strong force in many areas of the hospital, but what about for facilities management? Can automation be harnessed to help facilities management and their maintenance teams more easily and effectively manage these day to day concerns? Can transparency into the real-time status for specific Elements of Performance be achieved?

What about management of the Equipment Lifecycle? We will explore each of these areas components, it is vital to develop a planned “CAPITAL” maintenance” program that prioritizes needs and supports capital budget planning.

“Alternative Hot Water Solutions using Water to Water Heat Pumps”

Oscar Peraza, JCI’s Chiller products
Lower Level Banquet Room

At a time when fossil-fuel costs are high and continue to rise, energy bills are scrutinized for ways to trim costs. One smart option is to improve the energy utilization of your facility’s HVAC system by repurposing heat that would otherwise be discarded. This can be accomplished with a water-to-water heat pump (WTWHP). Heat is extracted from a low-temperature source, and its temperature is raised to a level which is useful for heating or domestic hot water.

12:00 pm – 2:00 pm

Lunch & Networking Door Prize Drawings

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2:00 pm – 3:00 pm

Concurrent Breakout Session 3

“Managing Assets to Drive Performance”

Micah Rolfe, PDM Specialists

Cascade CDE

Having reliable equipment is the product of a proper design and execution of a maintenance plan. Reliability Centered Maintenance is the process of determining the most effective approach to drive equipment performance and reduce cost. By using all four types of maintenance a ‘one-best’ solution can be derived to drive continuous improvement. This presentation will touch on the types of maintenance and how to decide on what will work best for your organization.

3:00 pm – 3:30 pm

“Clinically Proven Disinfection for Potable Water Systems”

Tory Schira, LiquiTech

Lower Level Banquet Room

When done right, a good water disinfection program is not only considered best practices, but it’s a valuable risk mitigation strategy. Antibiotic Resistance is growing, and treatment options are running out. Preventing as many of these infections as possible is the pillar of a complete antibiotic stewardship program. Plus, bacteria in water supply is driving up healthcare costs. There are several considerations that should be evaluated when choosing a secondary disinfection method, which we will cover during this presentation.

3:30 pm– 4:30 pm

Break/Exhibit Hall & Networking

Exhibitor Door Prize Drawings

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Concurrent Breakout Session 4

“NFPA 70-E; Application of Arc Flash Safety”

Willie Hughery, Eaton Corporation

Cascade CDE

NFPA-70E regulates the engineering and application of Arc Flash Safety. Much focus in recent years was achieving the initial Arc Flash Study and labeling the gear as required. This presentation focuses on what happens after the study- when does it need to be reviewed, when should it be revised, how do site electricians and contractors use the provided information, and how does a facility ensure that the labels are correct and trust worthy after application.

“Icemaker & Dispenser Maintenance”

Ernie Tarof, Follett

Lower Level Banquet Room

Course and discussion outlining principles and procedures of cleaning, de-scaling and sanitizing icemaking and ice dispensing for patient care. Topics

covered include proper selection and use of evaporator cleaning and sanitizing agents, their concentrations and their use as related to NSF approved procedures. Water filtration including implications of carbon vs. carbonless filters also discussed.

5:30 pm – 8:00 pm

**Banquet Dinner, Awards & Entertainment
"Brilliant in the Basics"**

*Jonathan Flanning, Entrepreneur, Parent, Citizen
Cascade CDEF, Corridor & Deck*

In October of 1805, the crew on Nelson's HMS Victory were absolutely brilliant in the basics, and they won the Battle of Trafalgar. Just 7 years later, they were not. What happened? This incredible story is repeated throughout history. Is there an area of your life, your leadership, your organization, your community, your family - that needs to become "Brilliant in the Basics"?

Friday, May 11, 2018

7:00 am – 8:30 am

Breakfast Buffet/Exhibit Hall & Networking
Cascade ABGHJI

7:00 am – 8:00 am

OSHE Board Meeting

8:00 am – 8:30 am

OSHE Business & Membership Meeting
Matt Stormont, OSHE President, Manager
Operational Compliance, OHSU
Cascade ABGHJI

8:30 am – 9:30 am

**"Learn it the easy way or the hard way: FLS
Documentation"**

Thane Eddington, PKA Architects; Doug Paine, Good Shepherd Medical Center; John Wood, Mazetti & Tom Jaleski, Code Unlimited (Panel Presentation)
Cascade CDE

FLS documentation is not merely an ancillary part of the building permit process. It is critical to achieving licensed accreditation for CMS and protecting the life and safety of the patients we serve. During this

presentation, the audience will see how proactive planning and documentation of the Life Safety conditions of existing and planning for future projects pays dividends in the short and long term of a building's life

9:30 am – 10:00 am

Break/Exhibit Hall & Networking
OSHE Provided Door Prize Drawings
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10:00 am – 10:30 am

"ASHE Updates
Rick McGuffey, ASHE Region 10 Director
Cascade CDE

10:30 am – 11:30 am

Update on "State of Oregon" Activities
Speaker TBD

11:30 am – 12:30 pm

Main OSHE Raffle Prize Drawing & Closing Remarks!
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OSHE Board Members

Mark Your Calendars!

55th ASHE Annual Conference and Technical Exhibition



July 15-18, 2018

Indianapolis

OSHE's Annual Fall Conference



September 12-14, 2018

The Resort at The Mountain
68010 E Fairway Ave. Welches, OR 97067