

October, 2020



Mission Statement

The 7x24 Exchange Northwest Chapter's mission is to provide an open educational forum dedicated to the continuous improvement and increased awareness of data center reliability by focusing on the key disciplines of design, construction, maintenance, security and management with the goal of obtaining continuous data center operations.

www.7x24northwest.org

2020 October Virtual Chapter Meeting and Presentations

October 14, 2020 12:00 pm – 1:00 pm PDT

Data Center Symposium

Top Ten Data Center Industry Trends

Lithium Ion Risk Prevention System

Industry Presentation

Top Ten Data Center Industry Trends

Orlando Dolojan, Director of Client Engagement-North America

Uptime Institute

The Data Center Industry is a dynamic and constantly evolving environment as data center designers, constructors, operators, and clients seek higher and higher efficiency and capability. The Uptime Institute has a unique perspective into a broad swath of data center facilities and operational strategies and will present a summary of their view of the leading data center trends and their potential impact on the industry.

About the Speaker

Orlando Dolojan joined Uptime Institute in 2014 as Director Client Engagement - North America. Orlando has extensive background in Power Production Design, Construction, Commissioning and Operations both through his experience at Bechtel and as a consultant. His IT background includes networking design, integration of Citrix/MS, DaaS and Project Management. He has also held different and increasing responsibilities in the design, management and sales position of Data Center Solutions through his previous roles at APC/Schneider.

Technical Presentation

Lithium Ion Risk Prevention System

Derek Sandahl, *Global Product Manager - Engineered Systems*
Johnson Controls

The energy market is changing rapidly to energy sources that require installation and use of technologies to regulate the power grid and store massive amounts of energy for future release. Lithium-ion battery systems are one of the leading technologies being used for the evolving energy needs. The systems vary in construction size and configurations in the rapid developing industry.

The widespread use of lithium-ion battery technology is rapidly outpacing regulations and requirements for fire protection safety systems in these applications. The massive amounts of stored electrical energy and potential risk of thermal runaway events could lead to a destructive sequence if not properly protected with safety systems. This presentation will provide a background on lithium-ion battery systems, their failure mechanisms and offer a protection scheme for the hazards.

About the Speaker

Derek has spent 16 years working in the fire protection industry for Johnson Controls. He is the inventor on several patents for protection involving protection of unique hazards including acoustics and lithium-ion batteries. He is holder of BS degree in Mechanical Engineering from Lake Superior State University and MS degree from University of Wisconsin Green Bay.

RSVP Today!

Send your RSVP to Jim Svoboda at AC Power: jim@acpower.com Phone: 425.885.7493

Or go online to our website: <https://7x24northwest.org/events>

Once we receive your reservation, we'll send you a meeting invite with the link for the webinar.

Future Chapter Meetings

Due to the ongoing pandemic, we will hold a series of online webinars until it has been deemed safe to hold in person conferences again. We know everyone wants to be able to get back together, but for now, we'll stay online and stay safe. Upcoming dates for our next meetings will be:

- November 18, 2020
- December 9, 2020

All of these webinars will be from 12:00 pm to 1:00 Pacific time, so mark your calendars now to make sure you don't miss all these events!

If you have an interest in presenting at one of our upcoming webinars, please contact Jim Svoboda at: jim@acpower.com or Conan Lee at: Conan.Lee@am.jll.com

Chapter News

Sponsorship Program

Our sponsorship program has been an outstanding success and has allowed us to bring our membership the finest in up to date and industry leading presentations and networking opportunities. If you are interested in becoming a corporate sponsor, look at the sponsorship levels below and contact us at your convenience. We are now accepting new sponsor applications for 2020, don't wait!

Sponsorship Levels and Benefits

<i>Sponsorship Level</i>	<i>Annual Sponsorship Amount</i>	<i>Benefits</i>
Gold	\$3,000	<ul style="list-style-type: none"> • Annual Corporate Membership*. • 30 minute product or service presentation slot at one meeting. • Table area for company literature at each event during the calendar year of sponsorship. • Prominent display of company name and logo on welcoming displays and chapter website for the calendar year of sponsorship. • Listing on Update Newsletter for current event. • Listing on Web page announcements for current event.
Silver	\$1,500	<ul style="list-style-type: none"> • Annual Corporate Membership*. • 15 minute product or service presentation slot at one meeting. • Prominent display of company name and logo on welcoming displays and chapter website for the calendar year of sponsorship. • Listing on Update Newsletter for current event. • Listing on Web page announcements for current event.
Bronze	\$500	<ul style="list-style-type: none"> • Annual Corporate Membership*. • Prominent display of company name and logo on welcoming displays and chapter website for the calendar year of sponsorship. • Listing on Update Newsletter for current event. • Listing on Web page announcements for current event.

*Corporate Memberships allow an unlimited number of members from your company and are normally \$200 per year.

If you are interested in becoming a corporate sponsor, contact Jim Svoboda at AC Power Technology at:

Email: jim@acpower.com Phone: 425.885.7493

Thank you to our 2020 Sponsors for their continued support!

Gold Sponsors



Silver Sponsors



Membership

Don't want to be a full corporate sponsor? Not to worry, we offer two different levels of membership to meet your needs.

- A Corporate Membership is available at \$200/year and allows your entire organization to be members.
- An Individual Membership is available at \$50/year.

Pick the membership that suits you and your company and thank you for your continued support!

To become a member, contact our Membership Chair:

Michael Gile

Enersys

T: 206-496-9948

Michael.Gile@enersys.com

We Now Accept Credit Card Payments!

The 7x24 Exchange Northwest Chapter can accept credit card payments for sponsorship or membership fees. To pay using your credit card, you can bring your card to one of our chapter meetings and pay in person, or call our Treasurer, Dmitry Kraskovsky at 253-520-5111.

Announcing our new Chapter Website!

We have just launched a new Chapter Website: www.7x24northwest.org

You can find all the latest news, event information and contacts for our Chapter here. You can also register for this Fall Chapter Meeting, so don't delay.

What's On Your Mind?

We are always looking for input for topics to cover in our meetings to keep our membership abreast of all the latest ideas and issues in the data center industry. Have a burning question? An operational quandary? A design dilemma?

Let us know what kinds of topics you would like to see addressed in our next meetings. Drop a note to one of our Program Co-Chairs Jim Svoda at jim@7x24northwest.org or Conan Lee at conan@7x24northwest.org and let us hear your thoughts and ideas.

Chapter Contacts

Officers and Committees

OFFICERS

President

Doug Bors, PE
Sophometrics
206-963-3077
dbors@sophometrics.com
doug@7x24northwest.org

Vice President

Bill Hunter
TBHE Consulting, LLC
360-453-7697
bill@tbheconsulting.com
bill@7x24northwest.org

Treasurer

Dmitry Kraskovsky
MTU Onsite Energy / Pacific Power Products
253-350-5170
dkraskovsky@pac-power.com
dmitry@7x24northwest.org

Secretary

Leonard Ruff, AIA
Cascade Mission Critical, LLC
206-294-1288
leonard.ruff@casademissioncritical.com
leonard@7x24northwest.org

COMMITTEE CHAIRS

Program Co-Chair

Conan Lee
Jones Lang LaSalle
206-607-1723
conan.lee@am.jll.com
conan@7x24northwest.org

Program Co-Chair

Jim Svoboda
AC POWER
206-300-9467
jim@acpower.com
jim@7x24northwest.org

Membership

Michael Gile
EnerSys
206-496-9948
michael.gile@enersys.com
mike@7x24northwest.org

Newsletter & Web Content

Leonard Ruff, AIA
Cascade Mission Critical, LLC
206-294-1288
leonard.ruff@casademissioncritical.com
leonard@7x24northwest.org

Website & Sponsorship

Jim Svoboda
AC POWER
206-300-9467
jim@acpower.com
jim@7x24northwest.org

If you would like to get involved in Chapter activities, just let one of the board members know, we are always looking for more member participation in planning Chapter sessions and communications.