

# CONFERENCE SCHEDULE

## WEDNESDAY, OCT. 19<sup>TH</sup>

### Session 1

9:30 AM – 10:30 AM

#### Post COVID Building Equipment Restoration

Patrick Okamura – Facilities Manager  
BAE Systems

COVID presented enormous challenges for Facilities Management to ensure employee safety and sustain business operations. Post-COVID has also presented another set of challenges - restoring building systems and infrastructures back to full operation.

This presentation will visit challenges the FM community is supporting.

#### Learning Objectives

- Building condition assessments
- Modified maintenance practices
- Revisiting PM job plans and schedules
- Accommodating building infrastructure ramp-up

### Session 2

9:30 AM – 10:30 AM

#### Mechanical Systems Restoration

Kevin Uikie – Owner  
K.M. Facility Services

The benefit of cleaning and restoring the HVAC Equipment. Cooling Towers restoring. Cleaning of Coils, Return duct cleaning. Exhaust ductwork cleaning.

#### Learning Objectives:

- The energy savings of removing blockage
- Using repair dollars rather than capital dollars - Restoring HVAC equipment.

### Session 3

10:45 AM – 11:45 AM

#### Reinventing Facilities Capital – Employees

Patrick Okamura – Facilities Manager  
BAE Systems

Facilities Management has been adjusting to personnel needs for some time, however some organizations are facing personnel shortages that require organizational flexibility and adaptation. This presentation will visit the challenges FM's are adjusting to as they support their customers and building needs and responsibilities. From modified service contracts, internal training to robust organization succession planning to meet the needs of tomorrow's FM organizations.

#### Learning Objectives

- Succession planning
- Training from within your organizations (mentor/internships)
- Internal/external training
- Education
- Identify skills gaps

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### Session 4

10:45 AM - 11:45 AM

### 5 Easy Ways to Earn Money Back from APS for Saving Energy

Tony Magers, Outsource Manager - APS

Explore ways to save energy and money by helping businesses and facilities become more energy efficient. The APS Solutions for Business team will discuss the benefits of energy efficiency, latest technologies, tips for identifying potential savings and APS rebate opportunities for your projects.

#### Learning Objectives

- Understand the benefits of becoming more energy efficient
- Identify energy-saving opportunities
- Earn money back with APS rebates

### Session 5

12:00 PM - 1:00 PM

### Saving the World & Money with Your Roof

Ryan Shinn - Western Group Marketing Director  
Centimark

Often times, we hear about new technologies and methodologies that will lower our building's impact on the environment. But the downside is that these ideas will often times come at a great cost to your company's budget...or even worse, lead your to make decisions that will make more problems for you these "solutions" actually solve.

But what if you could save your company money, implement workable strategies with your building, and make your building a better place to work in and live around at the same time. Well, there's good news. In this workshop, we'll learn about some new cutting edge ways that you can accomplish this with your facility.

#### Learning Objectives

- Ways to make decisions regarding your facility's roof that are wise economically, and ecologically at the same time.
- The newest roof tech in the industry
- Where the industry is going in the next few years

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### Session 6

12:00 PM – 1:00 PM

#### Leveraging VDC Information in BIM for FM

Steven Ayer – Assistant Professor  
ASU

In this presentation, Dr. Steven Ayer (Assistant Professor at Arizona State University) will present his work on emerging virtual design and construction practices that leverage building information modeling (BIM). Much of his work has involved design and construction foci, which provide him with an in-depth understanding about current VDC practices. The resultant information generated in BIM during design and construction provide a wealth of opportunities for FM's to better leverage BIM to make smarter operational decisions. These opportunities will be discussed during this session along with examples of the types of technologies that Ayer explores in his Emerging Technologies BIM Research Lab ([www.ETBIMLab.com](http://www.ETBIMLab.com)).

Learning Objectives: - Understand what BIM is

- Learn what new and emerging technologies are being used to exploit the benefits of BIM
- Define opportunities to explore new technologies to better leverage BIM for FM

### Session 7

2:00 PM – 3:00 PM

#### Taming Moisture

Brad Tomabene  
Patcraft

How to Prevent, Survive, and Solve Flooring Failures Due to Moisture.

### Session 8

2:00 PM – 3:00 PM

#### Taking Control of Facility Maintenance with CMMS

Tim Thomas – General Manager  
Q Ware

This presentation will examine some of the do's and don'ts when searching for a CMMS application. As well as other considerations that should be taken into account.

Learning Objectives

- Gain a better understanding of your needs.
- Awareness of options and features CMMS applications offer.
- The on-boarding and deployment process.

### Session 9

2:00 PM – 3:00 PM

#### Improving Facilities with No Out Of Pocket

Dan Comfort – President  
Comfort Profit Consulting Inc.

Programs that improve facilities, save money, and are green with no out of Pocket. topics Include: Saving Water, money, and the environment. Energy Efficiency- lighting, solar, optimizers. Tax benefits For Energy initiatives. Cost Segregation.

Learning Objectives

- How to save water and money, and go green doing it
- Implement a complete energy conservation package
- Improve cash flow to implement green initiatives

# CONFERENCE SCHEDULE

## THURSDAY, OCT. 20<sup>TH</sup>

### Session 10

9:30 AM - 10:30 AM

#### Healthy & Sustainable Building Environments

Dan Beyer - Varitec Solutions

At VCSS we believe that healthy and sustainable building environments should be easy and accessible to everyone.

By empowering customers with truly open, non-proprietary, single source building solutions we give them the tools to interact, optimize and service their own systems without locking them in with a single vendor. The purpose of this presentation is to introduce VCSS, discuss issues within the market and what solutions we have to offer through our dynamic platform and partners.

#### Learning Objectives

- Walk through the history of Varitec Solutions and Varitec Controls and Service Solutions
- Define our Mission Statement
- Identify Common Issues Surrounding Buildings and how they impact Business results.
- Establish how VCSS uses our platform and solutions to improve building function
- Educate on the basics of Variable Refrigerant Volume (VRV). How it can improve on efficiency, cost, energy, etc.
- How VCSS Platform integrates with this technology

### Session 11

9:30 AM - 10:30 AM

#### What's the silver bullet? How to pick the training you need to get in, move on, and move up in Facility Management

Dr. Kristen Hurtado - ASU

Professionals within or those looking to get into Facility Management often look for the "silver bullet" that's going to land them the job, promotion, or raise. COVID-19 has further complicated this desire, with a flooding of virtual training and "Zoomification" of everything.

Do you need that formal degree, is a credential the right fit for you? What are the training and professional development options within FM (formal and informal)? How do you select what's the best for your and your future? What should you watch out for? How can you shine at your next performance review? Hear from Dr. Kristen Hurtado, who has advised 100s of professionals in FM in achieving their training and development goals.

#### Learning Objectives

- Understand the various training options out there in FM/built environment
- Be able to identify unique characteristics of training and what sets some apart
- Understand the benefits of training to the professional and their company and be exposed to ways to quantify those benefits

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### Session 12

10:45 AM - 11:45 AM

#### The Real Cost of Not Doing Your Preventative Maintenance

Chuck Hink, Business Development Manager - Pueblo Mechanical

With all the moving parts in an HVAC system, have you made the right choices when selecting system designs or equipment accessories to limit the amount of maintenance required? We will talk about options available today that can significantly impact your costs and time.

#### Learning Objectives

- Updating design specifications to match actual maintenance performance.
- The impact first costs make and the longevity of being able to perform the required maintenance.
- How to approach your team with decisions that make an impact and not dismissed because of costs.

### Session 13

10:45 AM - 11:45 AM

#### ARC Flash Discussion

Bart Peters - Senior Project Engineer  
C & S Companies

Introduction to arc flash- what it is, what causes it, why it concerns employers, and what can be done to mitigate the risks and to achieve OSHA compliance. Clears up misconceptions about arc flash and incorporates the current standards. We describe where arc flash labels are required, what is specifically required on the labels, when and how a proper study needs to be performed, and how arc flash awareness fits into an overall workplace safety plan.

#### Learning Objectives

- Be able to describe what arc flash is;
- Understand where arc flash risks exist;
- Be able to explain how to comply with current standards.

### Session 14

10:45 AM - 11:45 AM

#### A Virtual FM Training Experience

Dr. Kristen Hurtado - ASU

Come and experience virtual reality FM training being developed by Arizona State University! We will share our work and research into creating virtual and mixed reality training in FM with a focus on energy. Try on a V/R headset and experience it yourself! After taking a test drive, share your feedback and ideas with the ASU team.

#### Learning Objectives

- Experience a test pilot of V/R training in FM
- Share feedback on your experiences in testing the V/R training
- Learn about the research going on with V/R training in FM and energy

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## THURSDAY, OCT. 20<sup>TH</sup>

### Session 15

12:00 PM – 1:00 PM

#### **Sustainable Pest Management Options: From the Present to the Future**

Glen Ramsey, Senior Technical Manager  
& Board Certified Entomologist  
Orkin Pest Control

The pest management industry is in the midst of enormous changes to be more sustainable. With energy prices on the rise and increased interest in conservation from the public, the time is now to consider how you can shake up your pest management program. Through reductions in energy use, remote monitoring and sensing technology, and reduced or targeted product applications providers are able to better manage pests while helping to conserve precious natural resources. This session will highlight some methods that you can implement, and advertise to your clients, to show a commitment to sustainability or to possibly achieve points towards sustainable/green certification programs. If you love technology (and pest management), this is a can't miss session.

Learning Objectives:- Define sustainable pest management.

- Describe pest management devices or practices that lend to conservation of resources.
- Demonstrate how these changes can be advertised or contribute to certification programs.

### Session 16

12:00 PM – 1:00 PM

#### **Strategies to Create Wealth While Helping your Neighborhood**

Stuart Genter – President  
Dobson Property Management

The hour will be spent educating on the different solutions to help those families in need, while providing realistic strategies to create extra income, aka cash flow. The presentation and discuss on what opportunities look like, how to address them, and strategies to create a win-win transaction.

Learning Objectives

- Recognizing opportunities to help others in need.
- How to help someone save their home.
- Where to find these opportunities in your neighborhood.
- How to create extra income while helping your neighbors.

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