



## **TC 1.4 – PROGRAM SUBCOMMITTEE ASHRAE WINTER MEETING, ORLANDO JANUARY, 2016**

The subject meeting was held on Sunday, January 24, 2016 starting at 4:00 PM following the Components and Control Applications Subcommittee meeting. The attendees remained. The sign-in sheet is attached. Special thanks to the Chair and active members of TC 1.4.

**Programs Presented in Orlando:**

**Jun 27-Jul 1, 2015**

- 1. SEMINAR 4:**  
**Is Recovery Possible? Controls Challenges with Medical Codes and Standards**  
Sunday, 8:00 AM-9:00 AM  
Track: Standards, Guidelines and Codes  
Room: Orange Ballroom E  
Chair: Dave Kahn
- 2. SEMINAR 7:**  
**Energy Submetering Fundamentals: Benchmarking, Baselineing and Beyond!**  
Sunday, 9:45 AM-10:45 AM  
Track: Fundamentals and Applications  
Room: Orange Ballroom E  
Chair: Joseph Kilcoyne
- 3. SEMINAR 33**  
**Should You Use Your Building Automation System to Commission Your Building Systems?**  
Monday, 11:00 AM-12:00 PM  
Track: The Great Debate  
Room: Orange Ballroom A  
Chair: Chad Moore
- 4. Special TC SEMINAR – Open Session for YEA**  
**The Latest Technologies and Solutions in Building Automation**  
Tuesday, 1:00 PM-1:30 PM  
Track: Cutting-Edge Technologies  
Room: Orange Ballroom G  
Speakers: Chad Moore & Ron Bernstein
- 5. WORKSHOP 5**  
**Design-Build for DDC: Yes, It Works! No, It Doesn't! A Healthy Debate by Two Experts**  
Tuesday, 2:30 PM-3:30 PM  
Track: Design Build  
Room: S331BC  
Chair: Frank Shadpour



### **Anticipated Programs for Orlando That Did Not Take Place:**

1. Seminar: **Cutting edge technologies in DDC Systems**  
Track: 6  
Chair: Jim Coogan
  
2. Seminar: **Risk Management Framework – What is it? Why should I care?**  
Track: 5  
Chair: Joseph Kilcoyne
  
3. Seminar: **Dashboards and Fault Detection – What do I need?**  
Track: 3 or 6  
Chair: James Del Monaco
  
4. Seminar: **DDC & smart grid - Metering and baselining challenges**  
Track: 2, 5  
Chair: Marcelo Acosta



## Programs Proposed for 2016 St. Luis Summer Meeting

Jun 25-29, 2016

1. Seminar: **Cutting edge technologies in DDC Systems**  
Track: 4  
Chair: Jim Coogan
2. Seminar: **Preventing headlines - Securing Building Automation Systems Risk Management Framework – What is it? Why should I care?**  
Track: 3  
Chair: Ron Bernstein & Joseph Kilcoyne
3. Seminar: **Dashboards and Fault Detection – What do I need?**  
Track: 5  
Chair: James Del Monaco
4. Seminar: **Smart Building & Smart Grid – Next Steps!**  
Track: 5  
Chair: Frank Shadpour
5. Seminar: **Smart Pumps – What can they do for you?**  
Track: 8  
Chair: Marcelo Acosta
6. Seminar: **Implementing Guideline 13 - Case Studies for Specifying BAS – Energy Sector & Healthcare Sector**  
Track: 3  
Chair: Ron Bernstein & Kimberly Barker
7. Workshop: **Whole Building Integration and BAS Security**  
Track: 4  
Chair: Kimberly Barker
8. Forum: **Control Networking Protocols for Dummies!**  
Track: 5  
Chair: Heather Schopplein

## Programs Proposed for 2017 Las Vegas Winter Meeting

Jan 25-Feb 1, 2017

1. *Technical Paper – David Underwood – Degradation of the Control Systems!*



### **Program “Pipeline” for Future Meetings:**

1. “Be Alarmed at what your BAS is not Telling You: Is no news really good news?”
2. Web-Services. XML, SOAP: How Do I Get Non-Traditional BAS Information and Use It for My Building Automation.
3. Controls, Fuel cells, Cogeneration and Micro-cogeneration
4. Data Analytics... What interesting information can be derived from BAS data?
5. Special Sensors: Contaminants and Microbial Sensors

### **Proposed Tracks for 2016 St. Luis Summer Meeting**

**Jan 23-27, 2016**

- Track 1 HVAC&R Systems and Equipment
- Track 2 HVAC&R Fundamentals and Applications
- Track 3 Research Summit
- Track 4 Advances in Refrigeration Systems and Alternative Refrigerants
- Track 5 Smart Building Systems/Remote Monitoring and Diagnostics
- Track 6 Indoor Environment: Health, Comfort, Productivity
- Track 7 Professional Skills Beyond Engineering
- Track 8 Renewable Energy Systems and Net Zero Buildings

### **St. Louis 2016 Annual Conference Deadlines:**

- 1/4/16: Website opens for seminar, forum, and workshop proposals.
- 1/4/16: Final Conference Papers are due.
- 2/8/16: Seminar, Forum, and Workshop proposals are due.
- 2/15/16: Revised Conference Papers/ Final Technical Papers due.

### **Presentations and Guidelines:**

1. *Conference Paper vs. Technical Paper:* Conference paper is limited to eight (8) pages, the timeline is shorter and the review process less rigorous than the technical papers currently presented in the Technical Paper Sessions.
2. *Seminar and Forum Submissions:* For Seminar submissions, they should include six (6) Learning Objectives and ten (10) Questions and Answers for the session.
3. *Seminar Program Submission:* 60 minutes (1-2 speakers) or 90 minutes (3-4 speakers).



### Special Notes:

1. *Up to five paid guest speakers*
2. *Submit presentations in dual units*
3. *TC 1.4 should make suggestions for tracks, Las Vegas and beyond*
4. *Disclosures will be required for future presenters*
5. *104 seminars submitted for Atlanta – 66 were accepted*
6. There are 89 TC's with 66/89 averages .74 seminars per TC
7. Marcelo Acosta's Seminar from Seattle is being used for LEED Training

### Upcoming Meetings:

Atlanta	Summer:	Jun 27-Jul 1, 2015
Orlando	Winter:	Jan 23-27, 2016
St. Louis	Summer:	Jun 25-29, 2016
Las Vegas	Winter:	Jan 25-Feb 1, 2017
Long Beach	Summer	Jun 24-28, 2017
Chicago	Winter	Jan 20-24, 2018

### Reminder:

- *Conference Paper vs. Technical Paper:* Conference paper is limited to eight (8) pages, the timeline is shorter and the review process less rigorous than the technical papers currently presented in the Technical Paper Sessions.
- *Seminar and Forum Submissions:* For Seminar submissions, they should include six (6) Learning Objectives and ten (10) Questions and Answers for the session.
- *Seminar Program Submission:* 60 minutes (1-2 speakers) or 90 minutes (3-4 speakers).
  
- **ASHRAE Announcement:** Starting at the 2016 Winter Orlando Conference, presentations will be **REQUIRED** to be uploaded before the conference opening onsite. If a presentation is not uploaded, the presenter will be assessed a strike, within our 3 strike program. If a presenter collects three strikes, he/she will not be selected to present at another ASHRAE conference until the issue is resolved.

These minutes stated herein were approved by TC1.4 program subcommittee on Sunday, January 24, 2016.

*Submitted by:* Frank Shadpour, PE  
TC1.4 Program Subcommittee Chair  
[frank@scengineers.net](mailto:frank@scengineers.net)