

Building Automation Systems Workshop IV: Controls and Lab Development

Agenda

Wednesday, November 18, 2015

Evening Check-in for participants staying at the hotel
Wyndham Garden Buffalo Grove, 900 W Lake Cook Rd, Buffalo Grove, IL 60089,
(847) 215-8883

Thursday, November 19, 2015

7:00am – 7:30 Breakfast at the hotel lobby

7:30 Meet in hotel lobby for shuttle

7:30 – 8:00 Hotel Shuttle to Siemens Building Technologies HQ
Siemens, 1000 Deerfield Parkway, Building 1000 - Room K5L5,
Buffalo Grove, IL 60089

8:00 – 8:10 Welcome to BAS IV Workshop *Brian Lovell - BEST*

8:10 – 8:20 Welcome to Siemens BT HQ *Steve Hoiberg - Siemens*

8:20 – 8:40 BEST Center Mission *Peter Crabtree, Pamela Wallace - BEST*

8:40 – 9:00 Preview of Workshop (Context & Intent) *Brian L.*

9:00 – 9:30 Attendee/School Introductions (1 minute each)

9:30 – 10:00 What Qualities Should BAS graduates exhibit? *Peter C. / Brian L.*

10:00 – 10:05 Stretch Break

10:05 – 12:00 Siemens DDC Product Overview, Network Architecture, & Management Software
Tom Rule, Klaus Jank, Chris Hollinger - Siemens

12:00pm – 1:00 Lunch at Siemens Cafeteria

12:00 – 1:00 Lunch Presentation: Workforce Requirements *Claude Grimes - Siemens*

1:00 – 2:00 Facilitated Discussion (Benefits of Industry Partnering) *Brian L.*

2:00 – 2:05 Stretch break

2:05 – 3:00 Instructional Strategies for BAS Programs *Brian L.*

3:00 – 3:10 Walk to BT University, Building 990

Building Automation Systems Workshop IV: Controls and Lab Development

- 3:10 – 3:45 Introduction of Siemens Trainer for BAS Laboratories
Chris Kraszewski, Jan Baker, Calvin Ewing - *Siemens*
- 3:45 – 4:45 Directed BAS Instructional Exercise
Brian L. / Chris K., Jan B., Calvin E.
- 4:45 – 5:15 Facilitated Discussion (Effective Lab Exercises)
Ted Wilinski, Brian L. - BEST
- 5:15 – 5:30 Hotel Shuttle to dinner at Lou Malnati's Pizzeria
Lou Malnati's Pizzeria, 85 S Buffalo Grove Rd, Buffalo Grove, IL 60089,
(847) 215-7100
- 5:30 – 7:30 Dinner at Lou Malnati's Pizzeria
- 6:00 – 7:00 Facilitated Discussion continuation & Review of Day 1
- 7:30 Hotel Shuttle to Wyndham Garden

Friday, November 20, 2015

- 7:00am – 7:30 Breakfast at hotel
- 7:30 – 8:00 Hotel shuttle to Siemens BT HQ
- 8:00 – 8:30 Review of Day 1 / Preview of Day 2
Brian L.
- 8:30 – 9:00 Partnering with Siemens & local branch offices
Steve H.
- 9:00 – 10:00 Instructional Resources
Brian L. / Steve H.
- 10:00–10:10 Walk to Siemens Executive Briefing Center
- 10:10 – 10:30 Siemens Executive Briefing
Amanda Rozier - Siemens
- 10:30 – 12:00 Siemens Emerging Technology (Big Data, Expansion of BAS)
Osman Ahmed - Siemens
- 12:00pm – 12:30 Wrap-up at Siemens
Steve H.
- 12:30 – 1:15 Lunch
- 1:15 – 2:15 Windy City Shuttle to College of DuPage
College of DuPage, 425 22nd St, Glen Ellyn, IL 60137
- 2:30 – 3:30 Tour Teaching Lab at College of DuPage
- 3:30 – 5:00 Lab Development Process (Procurement/Installation of Hydronic System, AHU, RTUs)
Bob Clark - College of DuPage
- 5:00 – 5:30 Group discussion

Building Automation Systems Workshop IV: Controls and Lab Development

- 5:30 – 6:00 Windy City Shuttle to dinner at Parkers American
Parkers American, 1000 31st St, Downers Grove, IL 60515, (630) 960-5700
- 6:00 – 8:00 Dinner at Parkers American
- 8:00 – 9:00 Windy City Shuttle to Wyndham Garden

Saturday, November 21, 2015

- 7:30am – 8:00 Light breakfast at hotel
- 8:00 Workshop begins at Wyndham Garden Meeting Rooms 1 & 2
- 8:00 – 8:10 Review of Day 2 / Preview of Day 3 *Brian L. / Pam W.*
- 8:10 – 10:00 Instructors Report Out (Action Plans for Your Colleges / Lab Equipment Investment Planning)
- 10:00 – 10:10 Stretch break
- 10:10 – 11:00 Instructors Report Out continued
- 11:00 – 11:15 Surveys
- 11:15 – 11:30 Wrap up *Pam W.*

Siemens BT Speakers:

- Dr. Osman Ahmed, Senior Director and Head of Innovation, Building Performance and Sustainability
- Jan Baker, National Operations Manager
- Charley Cohen, Sustainability Education Director
- Calvin Ewing, Senior National Operations Manager
- Claude Grimes, Senior Human Resources Manager
- Steve Hoiberg, Global Higher Education Market Manager
- Chris Hollinger, Business Line Manager, Control Products and Systems
- Klaus Jank, Senior Product Manager, Control Products and Systems
- Chris Kraszewski, Manager, BT University
- Amanda Rozier, Executive Briefing Center Manager
- Tom Rule, Business Line Manager, Control Products and Systems

This material is based upon work supported by the National Science Foundation under Grant No. 1204930. Any opinions, findings, conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the National Science Foundation.