INTEGRATING EFFICIENCY, QUALITY AND RESILIENCY

WEDNESDAY, OCTOBER 15th - Crowne Plaza and SyracuseCoE HQ

1:00p Welcomes and introductions, Crowne Plaza, LaFayette Room
Ed Bogucz, SyracuseCoE and Syracuse University
Shere Abbott, Syracuse University

1:15p Keynote Speaker: (Approved for 1 AIA LU, 5 GBCI CE Hours)
William Bahnfleth Ph.D, PE, FASHRAE, FASME, Penn State, Immediate Past President ASHRAE
Are We Putting Enough Energy into Indoor Environmental Quality?

1:20p Session Chair: Filip Tejchman, University of Wisconsin - Milwaukee
Adaptive Architecture: Nonlinear Nano-to-Micro Scaled Material Properties and Effects at the Human Scale
Jenny Sabin, Cornell University, School of Architecture

2:00p Keynote Speaker: (Approved for 1 AIA LU, 5 GBCI CE Hours)
JOSEPH LSTIBUREK, Ph.D., PE, ASHRAE Fellow and Principal, Building Science Corp.
Innovations in energy efficient and resilient building enclosures

2:45p Keynote Speaker: (Approved for 1 AIA LU, 5 GBCI CE Hours)
CHRISTOPH REINHART, Associate Professor, MIT Sustainability Lab
Comfortable, Walkable and Efficient - Towards Sustainable Urban Architecture

3:00p Session Chair: Jeffrey Siegel, University of Toronto
Design: Advancing the “Occupy” Movement
Zhaozhou Meng, Syracuse University, College of Engineering and Computer Science

3:15p Session Chair: Christopher Choo, Johnson Controls
Adaptivity: Implementing and Designing Buildings that Change as a Function of Unknown Influences
Qi Fu, Illinois Institute of Technology

3:30p Transition to SyracuseCoE Headquarters for break, posters and reception

4:00 - 6:00p Building tours with Sneak Preview of new SyracuseCoE Labs and Poster Competition at SyracuseCoE Headquarters

5:00 - 7:00p Symposium Reception at SyracuseCoE Headquarters

THURSDAY, OCTOBER 16th - Crowne Plaza

8:00a Breakfast at Crowne Plaza Conference Center

8:30a Session Chair: Ed Bogucz, SyracuseCoE and Syracuse University
Joseph Borowiec, NYSERDA
Bess Krietemeyer, Syracuse University

8:45a Keynote Speaker: ANNA DYSON, Rensselaer Polytechnic Institute
Native Plants on Green Roofs: A Case Study

9:00a Session Chair: Thong Dang, Syracuse University, College of Engineering and Computer Science
Nano to Meso | Emergent Materials in Architecture
Martina Decker, New Jersey Institute of Technology

9:30a Coffee and Transition to multi-track sessions

Tracks

ADVANCED SYSTEMS INNOVATIONS

9:45a A.1 (Approved for 1.25 AIA LUs, 1 GBCI CE Hours) B.1 (Approved for 1.25 AIA LUs, 1 GBCI CE Hours) C.1 (Approved for 1.25 AIA LUs, 1 GBCI CE Hours)

10:00a A.2 (Approved for 1.25 AIA LUs, 1 GBCI CE Hours) B.2 (Approved for 1.25 AIA LUs, 1 GBCI CE Hours) C.2 (Approved for 1.25 AIA LUs, 1 GBCI CE Hours)

ADVANCED BUILDING INNOVATIONS

11:00a Transition to Session #2

11:15a A.3 (Approved for 1.25 AIA LUs, 1 GBCI CE Hours) B.3 (Approved for 1.25 AIA LUs, 1 GBCI CE Hours) C.3 (Approved for 1.25 AIA LUs, 1 GBCI CE Hours)
### 3:00p - Transition to Session #4

#### A.3 (Approved for 1.25 AIA LUs, 1 GBCI CE Hours)
**Designing Technology: Efficacy, Resilience and Delight, Part 1**

- **Session Chair:** Jason Benedict, King & King Architects

#### B.3 (Approved for 1.25 AIA LUs, 1 GBCI CE Hours)
**Technology Practices: Advanced Sensing and Controls**

- **Session Chair:** Chilukuri Mohan, Professor and Chair, EECs, Syracuse University

#### C.3 (Approved for 1.25 AIA LUs, 1 GBCI CE Hours)
**Practicing Design: Realizing the Potential of High Performance Building Envelopes**

- **Session Chair:** Ken Bobis, Onondaga Community College

### 3:15p - Transition to Session #4

#### A.4 (Approved for 1.25 AIA LUs, 1 GBCI CE Hours)
**Designing Practices: Efficacy, Resilience and Delight, Part 2**

- **Session Chair:** Julie Larsen, Syracuse University, School of Architecture

#### B.4 (Approved for 1.25 AIA LUs, 1 GBCI CE Hours)
**Technology Designs: Cool Resilience - Control Local/Think Global**

- **Session Chair:** Jiang Fan, Cornell University

#### C.4 (Approved for 1.25 AIA LUs, 1 GBCI CE Hours)
**Practice: Scaling-Up Adoption of Energy Efficiency**

- **Session Chair:** Karma Sawyer, U.S. Department of Energy

### 4:30a - Keynote Speaker:

**CECIL SCHEIB, Urban Green Council**

Yes, We Can: Cutting Carbon 90% in an Ecovillage and in NYC

### 5:15p - Program close and "No-Host" Happy Hour at Flame Restaurant 713 E. Fayette St. (1 block north)