Conference Overview

Faster Forward will be the second nation-wide multi-venue conference coordinated by AIA Technology in Architectural Practice Knowledge Community. The conference will cover aspects of technology in project design, delivery and facility management from a variety of AECOO community viewpoints. This "travel optional" conference will be held as a day-long track at Build Boston, **November 17, 2011** in Boston MA, and simultaneously at internet-linked regional venues in selected cities around the US. Presentations will also be available in real-time to individuals viewing via internet.

Intended Audience

The audience will include AIA members and other architects, researchers, professors, and professionals working in design, construction, facility management and education.

Conference Topics & Content

The central theme is Build Boston is FORWARD. The aligned theme for this TAP / CIP track of the conference is *FASTER FORWARD* – Techniques accelerating successful and comfortable multi-disciplinary practice. We seek ideas for provocative presentations and discussion sessions from a wide range of perspectives. The following topics include some thoughts on what might be presented during the conference. These represent suggestions based on the conference theme, but all proposals will be evaluated based on how they relate to the overall conference theme.

For this conference we appeal to presentations of interest to facility owners and operators, as well as designers and builders. All aspects of technique and technology will be considered, including:

- Data / Information / Knowledge Management
- Cloud Computing
- Communication technologies and social media mythologies
- Decision management
- Integrated Project Delivery
- Virtual Design & Construction
- Open BIM & Interoperability
- Managing Change to new practices
- Facility instrumentation, sensors, & reporting, building system management & environmental controls

Content Schedule

1 BIM / IPD / Interoperability - Foundation Session

1.1 Developing Open Systems and Methods for Collaborative Modeling (7 min)

1.2 IPD for very small projects (7 min)

1.3 Design Model vs Construction Model (28 min)

1.4 Cost-effective strategy to panelize a double curved surface (28 min)

1.5 Discussion (14 min)

2 Lean & BIM Implementation

2.1 Design Management -- Lean Process Management (28 min)

2.2 Aggressive Performance Goals Met through Integrated Project Delivery (45 min)

2.3 Discussion (14 min)

3 TAP WELCOME SESSION & Generative Design

3.1 TAP Nation-wide Welcome (7 min)

3.2 Sponsor's Message (3 min)

3.3 Eight Years of Award Winning BIM (5 min)

3.4 Process Makes Progress: Generative Tools for Project Delivery (28 min)

3.5 Parametric Structures –Conceptual Design to Construction (28 min)

3.6 Discussion (14 min)

4 Owner & Facility Management Interests

4.1 BIG BIM BANG - 71 Million SF of BIM (24 min)

4.2 BIM Scorecard: Measuring the Values of BIM (24 min)

4.3 BIM Powered Decision Making (24 min)

4.4 Discussion (14 min)

5 Energy & Eco-Responsible Design

5.1 Conceptual Energy Design Operations (28 min)

5.2 A BIM Journey: Destination Carbon Neutral (40 min)

5.3 Discussion (14 min)

Session Timetable

Thursday, November 17, 2011

	Eastern	Central	Mountain	Pacific
Session 1 BIM / IPD / Interoperability	8:30-10:00	7:30-9:00	6:30-8:00	5:30-7:00
Session 2 Lean & BIM Implementation	10:30-noon	9:30-11:00	8:30 - 10:00	7:30-9:00
Session 3 WELCOME & Generative	1:00-2:30	noon -1:30	11:00-12:30	10:00-11:30
Session 4 Owner & FM	3:30-5:00	2:30-4:00	1:30-3:00	12:30-2:00
Session 5 Energy & Eco	6:00-7:30	5:00-6:30	4:00-5:30	3:00-4:30

Registration Options

Ticket Prices In person @ Build Boston + AIA Local Venues:

- 5- session package (all day) is $325 early bird / $375 after 31 October
- 3 - session package is $210 early bird / $240 after 31 October
- Individual 90-minute sessions are $75 early bird / $85. after 31 October

- Online only subscription day pass $325 early bird / $375 after 31 October , CES/LUs will only be available for named ticket holders.
- $25 student pass day pass online +/or local venue.
- 50% local venue revenue will be retained by the sponsoring chapter.

The pricing is considerably more than last year, primarily because we are co-producing with Build Boston and must adhere to their "market" rate structure. We also do not have AIA subsidy we enjoyed last year.

Local venues have much more flexibility this year than we offered in the past. The only "mandatory" session is Session 3 WELCOME & Generative Design Presentations. Local Chapters can participate in as many or few of the other sessions as they choose, optionally filling in with locally generated content.

We are investigating options to record the first two sessions for later webcast; this would most likely occur on a different day, and/or be available on demand.

AIA will provide a registration website to collect participant information and registration payments. Conference information will be available on both Build Boston and AIA.org websites.

Required Hosting Facilities

Meeting Room - Local venues should expect 5-20 participants. This is consistent with our experience in previous years, and also seems to be an optimal size to promote discussion. Larger groups are possible to accommodate; we've had groups larger than 50.

Hosting -Venues should have a host available to greet participants, run the process, and engage with the group for discussion sessions. Advanced preparation of material is not required. Chapters are strongly advised to recruit a member or other volunteer to fill these functions.

Catering -Although the registration cost does not include meals for those attending in Boston, we believe at this price point most members attending at local venues will expect food and refreshments, especially if attending all day. Chapters can provide catering from their 50% share of revenues; we recommend seeking catering and other sponsorship from local vendors to preserve and generate chapter income.

Technology -Most chapters are already well-equipped to host this type of event. All that is needed is:

- Internet Connection (wired broad band or very strong WiFi)
- Computer / Browser
- Projector(s), and screen(s), sufficient for those in the room, to be connected with the computer
- Loudspeakers (portable or house) connected to the computer.

Information & Sign Up

Visit our Website for more information:

http://www.aia.org/tap

Contact AIA TAP Events Organizer for more information or to sign up:

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