

Guidelines for Presentation Proposals

Overview

On Friday, September 8, 2017, AGC Houston will host its second **Solutions Thru Technology Conference**, and bring together representation from all disciplines of the industry to address the use of technology in construction.

The **Solutions Thru Technology Conference** will mobilize Houston's commercial construction industry to discuss new technologies and their effect on company culture, operations and best practices.

Audience

The anticipated audience includes owners, architects, designers, engineers, construction managers, project managers, superintendents, general contractors, specialty contractors, and service providers with positions ranging from daily operations personnel through senior executives. Additionally, IT professionals - from support technician through CIO - will benefit from case studies in the adoption and implementation of current technologies.

What's Your Story?

AGC Houston invites knowledgeable individuals and project teams to present and share their expertise and hands-on experience on implementation successes, practical tips and proven project solutions.

To be considered for a session presentation, submit a proposal that describes a real-world issue faced by a project team or company, identify potential solutions to the issue(s), present the applied solution(s), and discuss the success and challenges of the applied solution. We encourage teams to include owner or owner representative, architect, engineer, general contractor, specialty contractor, technology consultants and/or any other specialists.

Presentation Submittal Deadline

The submission deadline is **Wednesday, May 31, 2017 12:00 pm CST.**

Presentation Content

Proposals should be developed around a session content focusing on current and emerging technology issues related to construction. We will consider individual presentations, case studies or a panel discussion formats. Priority will be given to presentations which encompass multi-discipline project teams.

A program summary should include the learning and the benefits that attendees will take away from your presentation. **Sales presentations will NOT be accepted.**

Each presentation should include the following:

- Added Value
- Journey of Implementation
- Practical Use of Technology
- Metrics of Cost/Benefit Measurement and Analyses
- Cost Structure of Technology/Software
- Major Benefits and Major Risks
- Lessons Learned

Conference Session Format

Depending on the selected presentation format and/or panel sizes, each presenter will be allowed 15-25 minutes with a possible Q&A. Presentations are encouraged to incorporate both internal and external project team members.

Presentation Formats

1. **Individual** – Provide a detailed look at a specific construction process that includes best practices on one of the topics below
2. **Panel Discussion** – Sit on a panel of your peers in the AEC industry
3. **Case Study** – Report on the successes, challenges and lessons learned with your project team

Proposal Topic Areas

Mobile Solutions

- Plan viewing
- Time entry
- Viewing models
- Reports
- Invoice review
- Daily logs
- Checklists
- Real-time collaboration
- Safety technology
- Inspections
- Incidents /Investigations
- Wearable Technologies

Preconstruction

- Preconstruction
- Model-based estimating (5D)
- BIM and Conceptual-based estimating
- Design Assist/Design-Build
- Model based scheduling (4D)
- Design Phase Coordination

Implementing Technology and Accessing Your Data

- Data Extraction
- Integrating data from multiple systems
- Infometrics
- Technology Training
- Driving technology adoption and team buy-in
- Cyber Security
- Cloud-based Data Storage
- Model for Implementing New technology

Construction Through Facilities Management

- Legal Issues
- Liability and Ownership
- Terms of releasing the model
- Model ownership
- QA/QC
- Facilities management
- Model training (for owners)

Collaborative Data Exchange and Document Management

- Common Data Environment
- Information Exchange
- Coordination of Information
- Associated Liabilities
- Model Sharing
- Change and Cost Management
- Shared Risk/Reward
- Design Documents – from 3D to 2D

The Future of Construction Technology

- Drones
- Laser Scanning
- Augmented Reality
- Holographic Tables
- Global Information Systems (GIS)
- Innovation
- Global Positioning System (GPS)
- Wearable Technologies
- Robotics
- 3-D Printing
- Safety Technology
- Gamification

Target Audience

- Operations
- Preconstruction
- Virtual Design & Construction
- Engineers, Architects
- Owners
- Estimators
- Safety
- IT
- Facility Managers
- Risk Managers

Expectations and Compensation

- The submission deadline is **Wednesday, May 31, 2017, 12:00 pm CST**
- Presenters must meet all deadlines – See Important Dates below
- The official **2017 AGC Houston Solutions Thru Technology Conference** PowerPoint template and branding must be used
- Presenters will provide the AGC Houston with an electronic version of their presentation in PDF format prior to the conference
- PDFs of the presentations will be posted on the AGC Houston conference website
- Presenters must provide their own laptop computer for use during their presentation
- Presentations will fall into one of the listed session topics and will comply with session content listed above.
- Each presenter will receive one complimentary registration to the **2017 AGC Houston Solutions Thru Technology Conference**
- There is no monetary compensation for speakers
- All speakers are responsible for their own meals, lodging, transportation and handouts. AGC Houston anticipates at least 300 attendees, plus exhibitors.

Selection Criteria

Speakers are selected based on various criteria, including:

- The overall strength of the presentation proposal and its relevance to the event theme
- Whether the proposal builds on existing knowledge or demonstrates innovative best practices
- A speaker's communication skills and technical expertise as well as the depth of their
- relevant background and experience
- Prior speaking experience at construction technology events

Important Dates

Wednesday, May 31, 2017	Call for Presentation Deadline
Friday, June 2, 2017	Speakers notified of selection
Friday, September 1, 2017	Early Bird Registration Ends
Friday, September 6, 2017	Final presentations due to AGC Houston
Friday, September 8, 2017	AGC Houston's Solutions Thru Technology Conference

Deadline for Submission: Wednesday, May 31, 2017

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