

Guidelines for Presentation Proposals

1 Join BIMForum in Transforming our Industry

The BIMForum's mission is to facilitate and accelerate the adoption of building information modeling (BIM) in the AEC industry. We will lead by example and synchronize with counterparts in all sectors of the industry to jointly develop best practice for virtual design and construction (VDC). We will share our experiences and execute our goals via online forums, highly useful deliverables and practical industry conferences. We will revolutionize the building industry.

As a BIMForum presenter, you'll be joining an elite group that has included some of the most innovative experts in the design and construction industry.

1.1 About BIMForum

BIMForum is the home of the US chapter of buildingSMART International (www.buildingsmart.org) and has hosted annual educational conferences throughout the United States since 2007.

The speakers and contributors who present their in-depth experiences have formed a unique foundation of knowledge we see as a catalyst for positive change in the architecture, engineering, construction and operations industry.

1.2 Selection Criteria

BIMForum 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 BIMForum events

1.3 Key Dates

Presentation proposals to be submitted **May 23, 2016 – July 1, 2016**

Speakers notified by **August 1, 2016**

Speaker acceptance form and bio due **Friday, August 19, 2016**

At least one speaker group preparation conference call by **Friday, September 9, 2016**

Speaker group presentation rehearsal by **Friday, September 23, 2016**

Final presentation material due **Monday October 10, 2016**

2 What you can expect

If your proposal is accepted, you will be partnered with a moderator from the BIMForum event committee to help develop your presentation with your peers.

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2.1 Speaker compensation

Speakers at BIMForum events receive complimentary registration for the event at which they are presenting plus a one-year membership to BIMForum which includes discounted registration to other events and free webinars.

2.2 Requirements

If your proposal is accepted by the BIMForum event committee, you are expected to:

- Accept relevant BIMForum agreements such as the speaker contract
- Attend Speaker Preparation web meetings
- Ensure your presentation material aligns with your accepted proposal
- Communicate all relevant BIMForum information to your co-speakers

3 What we expect

BIMForum maintains the highest standards among our expert community. Those attending BIMForum or watching a recorded event expect a dynamic, polished and professional learning experience.

Subject mastery is essential. Experience with teaching or public speaking is preferred.

Before submitting a proposal, get acquainted with [BIMForum](#). If you've attended a BIMForum event, you should be familiar with our approach to learning. We seek to inspire our attendees with new techniques and processes through brief presentations and extended panel-style question & answer sessions.

If your proposal is accepted, you'll be expected to meet the program requirements outlined above. This includes timely submission of presentation materials (see [page 1](#)).



4 Proposal elements

Before submitting a proposal, become acquainted with the BIMForum event theme and suggested speaking topics. When submitting your proposal, be sure to include the following information:

Topic Title

Be descriptive. Attendees should understand what your presentation covers based on the title alone.

Description

Describe the material you'll cover and the benefit to attendees. Presentation descriptions should reference the core concepts of the event theme.

Learning Objectives

A learning objective is an outcome statement that captures the knowledge or skills at the heart of your presentation – what the attendees will be able to exhibit after your delivery of the content. Well defined learning objectives will help you develop your presentation and deliver your expertise in an efficient and succinct manner.

Learning objectives should:

- Complete the phrase, “At the conclusion of this presentation, attendees will be able to...”
- Relate to specific skills and knowledge the attendees will engage, gain or strengthen
- Be action-oriented and brief

5 Sample proposals

“Optimizing Project Decision-making with VDC”

Effective design phase management gives the project stakeholders the opportunity to influence the outcome of the project at its earliest stages. There are many ways project teams can leverage the best tools and processes to drive optimization. One of the key challenges for owners are the traditional 2D methods used to communicate design intent or means and methods. Through the use of BIM and visual management methods such as VDC (virtual design & construction), project teams can dramatically improve communication and collaboration, which results in timely and informed decisions.

What if we would use BIM to gain insight to the design intent? In this presentation we are going to explain how we are using BIM to provide additional value during the design phase by utilizing the following processes:

- Customer cost feedback during the design phase through model-based estimating
- Project schedule evaluation and planning during the design phase through 4D simulation
- Design review using virtual immersive environments

Learning Objectives:

1. Identify the benefits of using model-based estimating to enhance communication and validate the accuracy of early estimates.
2. Understand how to leverage early design BIM as part of the work planning processes (4D) to analyze risk and develop optimized construction sequences.
3. Describe the use of immersive virtual environments and how they can expedite the owner’s decision making process during the design phase.

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“Managing Design as an Information Supply Chain”

BIM-enabled team members are able to produce richer information, but how can the supply chain for design and construction be optimized to produce a better overall outcome, and what does that mean for how we collaborate, plan, and exchange 3D information with integrated model-based project teams?

This presentation is intended to contribute to the discussion on how to improve design phase management and planning approaches within highly collaborative BIM-enabled teams. The presentation will share best practices from current and past projects for managing design as an information supply chain, including optimizing 3D workflows, creating better and more extensive planning efforts, opening communication and collaboration, and enabling continuous refinement of plan alignment throughout design and construction.

A supply chain approach can enable 3D workflows that transcend typical project goals and design delivery methods by optimizing the project as a whole rather than optimizing its individual parts. This approach is redefining the meaning of “completed design”; transitioning it from a documentation goal, to one where design is fully coordinated, constructible, meeting the owner’s requirements, and within target budget.

Learning Objectives:

1. Learn how BIM-enabled workflows can produce single stream information flow in design and construction, eliminating wastefully re-work cycles.
2. Understand where the skillsets for pre-construction teams need to improve, and why.
3. Discover that predictable planning during design phase is possible; and can provide change in how teams think through, and manage design.
4. Learn how model-based workflows can be leveraged to streamline the flow and review of information.

