



#BIM IN BIRMINGHAM 2020

In January 2020, the Birmingham School of Architecture and Design will open its doors to host the 4th International BIM event. This exciting event builds both on the success of previous conferences in 2017, 2018 and 2019.

The BIM in Birmingham 2020 event sets out with a refreshed agenda and a series of themes for speakers to respond to. These themes will permit for a series of topical and important discussions surrounding Building Information Modelling in the built environment. For further information on the themes for the event, please see below.

Event themes

1. BIM | virtual vs reality | Does BIM stand up on site?
2. BIM | Can it? Does it? Will it impact climate change?
3. BIM | Project

More information about the themes provided on the next page

As in previous years, the BIM events continue to seek to widen participation and encourage attendance from students, designers, architects, BIM specialists, practitioners and various sized practices. All are welcome to both attend and take part in the presentations.

The BIM in Birmingham series of events is partnered by the aae, association of architectural educators and with this in mind, we welcome schools of architecture from across the country together with local, national and international practitioners with whom we will exchange knowledge and learning about Building Information Modelling. If you are an academic or student from a school of architecture and would like a group of students to attend or take part, please get in touch. Join us! For more information on the aae click here:

<https://architecturaleducators.wordpress.com>

22nd January 2020

Ticket links will be available soon!

Get involved

To submit your interest for speaking or becoming involved with the event please contact Victoria Farrow. Opportunities include the ability to submit as a practice or individual for a presentation talk. See submission guidelines below.

See our past events

<https://www.bcu.ac.uk/architecture-and-design/about-us/bim-in-birmingham/2019>

Sponsor the event

There is also a fantastic opportunity to become a sponsor to the BIM in Birmingham event series. For more information on how you can become part of this international event, please see the attached sponsorship booklet.

View the 2019 programme here:

https://issuu.com/bsoad/docs/bim_in_birmingham_2019

View the 2020 programme here – coming soon

The BIM in Birmingham event is partnered with the AAE and Birmingham School of Architecture and Design. The event is sponsored by Vectorworks, Autodesk, Graphisoft and Gleeson.



Contact:

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#BIM IN BIRMINGHAM 2020 THEMES

1. BIM virtual vs reality | Does BIM stand up on site?

New technological developments offer a vast range of possibilities to innovate the construction workflow. Point cloud, virtual and augmented reality and robots (when connected to building collaboration software) propose to connect the digital model to the construction site. Through collected data, accurate measurements and information can be incorporated directly into the design process, which makes BIM a powerful tool for virtual storage. However, what happens on site and during the construction phase? This theme invites presentations on the topic of the main features of BIM and also the main challenges when translating the data into the construction phase and realising the build on site. Case studies of built and un-built projects are welcomed to show case real examples.

2. BIM | Can it? Does it? Will it impact climate change?

“BIM stands for Building Information modelling. It is a digital model of a building that brings together information about the different components of a building allowing it to be accessed and shared for a number of different purposes”

Although the BIM technology can be applied to both new and existing buildings, it is notably more established in the former than the latter. This is despite the fact that, in the UK alone, 70–80% of what has been built by 2010, is estimated to continue to exist for a number of decades to come: including the years 2020 and 2050 (the two primary declared deadlines in the Climate Change Act, 2008).

It has been said that BIM may have the potential to unlock 15-25% savings in the global infrastructure market by 2025 (www.eubim.eu). We invite presentations to discuss either conceptually or through the use of real case study projects, the influence or possible influence of BIM upon climate change and / or sustainability. Suggested talks may pick up on H-BIM and it's roles and responsibilities within the construction industry, BIM and waste reduction, BIM as a tool for retrofitting and renovation or the use of BIM in facilities management although we welcome a broad range of topics and proposals.

3. BIM | Project

As is the nature of digital technology and as such, BIM, tools and practice have to constantly evolve to meet the needs of modern day demands. The BIM in Birmingham series of events continues to build its network of guests and therefore invites presentations on case studies and projects in house, which showcase innovative and interesting practice. Presentations will declare project details and discuss the design development process alongside the use of BIM as well as highlighting where BIM may have been used to achieve a particular objective. There is no scale limitation on case studies put forward but a focus on the innovative use of technology to overcome challenge(s) during the design (or construction) process.