

PRESS RELEASEBIM-WEEK IN AARHUS 2nd TO 7th OCTOBER 2017

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The network BIM Aarhus invites, in close collaboration with Visit Aarhus, BILT Europe 2017 and the city's many architects, engineers and contractors, building education institutions and sponsors to a unique BIM week in Aarhus with a number of outstanding events, open doors, conferences and workshops. They are all initiated around the international conference BCS & BILT Europe 2017, which will be held in Aarhus from Tuesday 3rd October to Saturday 7th October 2017.

BIM technology is a computer-based 3D technology used in design and construction, as well as construction and operation of buildings and civil engineering works. The BIM week is filled with a number of exciting and knowledge-sharing events, where we offer everyone a unique insight into the diversity of the construction industry. We will show both the challenges and the ground-breaking opportunities, that the new advanced digital tools mean for the design and construction of beautiful and sustainable architecture. With a clear recognition of our role and responsibility for the development of our building culture, we must necessarily relate to the implementation of a new technology to a degree we have not seen before.

The Conference BILT EU 2017 | October 5th to 7th 2017.

Buildings, Infrastructure, Lifecycle I Supported by Technology
Arranged by RTC Events Management | RTCem
Scandinavian Congress Center

RTC Events Management operates conferences and workshops in Asia, Australia & New Zealand, North America and Europe, encouraging and facilitating the sharing of knowledge within the architecture, engineering and construction industry. Although the origins of RTCem stem from the concept of these High-end Technology Conferences is to build a strong of community, where speakers are the top of the crop, each pushing boundaries within their field of the design and construction industry. They are ready to show and tell what makes them passionate. But also, ready to be challenged. Several Danish speakers have made it through a contested application process and will bring Danish insights to the + 400 delegates coming from all over the world.

The Workshop Building Content Summit | October 3rd to 4th 2017.

Arranged by RTC Events Management | RTCem
Godsbanen Aarhus

As something new, the RTC Events Management organization also organizes a 2 day Workshop from Tuesday 3rd and Wednesday 4th October, dedicated to solving data and collaboration challenges in the industry. It's a transformative mix of thought leader presentations and working groups. Over the two days we discuss the foundation of smart cities and mega projects from a data and collaboration perspective, we have scholars challenge how persons and organizations integrate the professional subject-oriented information and data about objects in the digital process of a project. Here, discussion leaders share their experience with how project and data insights combined with design algorithms will ultimately change the way we get things done smarter and more efficient while delivering increased value throughout the project lifecycle.

Open Door | October 4th 2017

Arranged by BIM Aarhus, and 18 companies in the Construction Industry in Aarhus



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Aarhus is unique, with the location of many architectural, engineering and landscape architecture firms centred in the area around Aarhus River. Furthermore, two of the Denmark's largest contractors have premises and construction sites within walking distance of Radisson Blu Hotel, where the BCS & BILT Europe 2017 will be held.

In the afternoon 4th October, 18 companies in the construction industry in Aarhus will open their doors and invite everyone inside.

By OPEN DOOR we offer a unique insight into how the city's design and engineer studios as well as construction sites works with the many different aspects of BIM and advance technologies. New types of Co-operation, Open Formats, Virtual Reality, Sustainability and Simulation, are all elements in a broad palette of opportunities, which forms the basis for design and construction in the industry.

Conference | October 4th 2017

Arranged by the Network BIM Aarhus
The Aarhus School of Architecture



Open Door follows immediately after the Conference BIM COMMUNITY 2017, which will be at the Aarhus School of Architecture from 9:00 to 14:30, so it is possible to participate in both events 4th October.

At the BIM Community 2017 Conference, BIM Aarhus will present thoughtful lectures about the exciting challenges we as designers and contractors face with the implementing of the new digital tools. The speakers will challenge the perception of BIM-relevant core areas, concepts and terms.

The BIM Community 2017 Conference will also initiate a dialogue in the relationship between a development based on an innovative technological approach, in relation to the involvement of historical, human and social aspects. As starting point, we will rethink Building Information Modeling in a European Cultural context.

Today, when we interact in the digital universe, we work with software based on algorithms, generative design and artificial intelligence, all advanced digital tools that may, without our knowledge and recognition, select the choices, we as designers are being promoted to take. How do we act in a digital universe, that can make the impossible design possible.

In this process, the choice of design can mean a deselection of solutions based on humanistic approaches, on feelings, and on professional competencies. At the conference, we will therefore convey

how this problem, based on a conscious mindset about the challenges and opportunities of the digital universe, can be a valuable part of a creative design process.

At the conference, we will challenge our use of increasingly complex technology systems, that can capture us in a complexity, where predictability often breaks down. We work in the construction industry with software, with a precision of 15 digits and with a margin of errors, that in no way relate to the characteristics of many of the building materials and constructions.

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In light of this complexity, we at the BIM Community 2017 Conference will discuss the concept of errors in the construction industry facing the aviation industry with a crucial and obvious no errors culture. We will present both the construction industry and the aircraft industry's perception to the concept of error, and how to handle a no errors culture.

We are looking forward to a very exciting and visionary conference, where 5 speakers will give their suggestions, on how to prepare the construction industry for the implementation of the new digital tools by creating systems and organizations that are flexible, adaptive and learning.

Workshop | October 2nd to October 6th 2017

Arranged by Building Educational Institutions.

VIA og Scandinavia Center, Radisson Blu



From 2nd to 6th October 2017, the Aarhus School of Architecture, the University of Engineering / Aarhus University and the VIA / Building Structural Construction, will arrange an interdisciplinary workshop, that will show how advanced digital tools and new processes affect our building culture.

The theme will be interdisciplinary collaboration between architects, engineers and building constructors in an integrated design process, that will be supported by the use of digital models.

The task is to prepare proposals for a new Aarhus football stadium. It will be exciting to see the proposals, but we look forward to following the process, where students and teachers gain deeper knowledge of digital collaboration across professionalism and cultures.

The city's citizens are invited to visit the workshop and follow the digital design process Monday 4th October and Tuesday 5th October at VIA, as well as Thursday 5th October 2017 and Friday 6th October 2017 at the Scandinavia Center, Radisson Blu. Students will answer questions and provide interested visitors insight into the area between the human ideas and the interaction process with the advanced digital tools. There will be free access all days.

BIM AARHUS

THE BUILDING INFORMATION MODEL NETWORK | AARHUS DENMARK

The network BIM Aarhus is a professional network around the BIM technology. The network shares the skills and experience of + 500 advanced BIM users, representing clients, architects, engineers, designers and educational institutions from the entire construction industry in Denmark.

As a knowledge-sharing network, BIM Aarhus focuses on dialogue, interdisciplinary exchange and cooperation, which we consider to be essential elements to meet the major and complex challenges associated with the implementation and use of BIM.

On behalf of BIM Aarhus

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