

BE PART OF THE CitA BIM GATHERING 2017

CitA
BIM GATHERING

Building Capabilities
in Complex Environments



CitA BIM Gathering 2017, Croke Park, November 23rd & 24th, 2017

CitA BIM Gathering:

Building Capabilities in Complex Environments

23rd - 24th November 2017

Croke Park, Dublin, Ireland

INTERESTED IN SPONSORING?

| Table of Contents | Page No. |
|--|-----------------|
| List of Accepted Abstracts | 2 - 3 |
| List of Keynote Speakers | 4 - 6 |
| Delegates Attending the Smarter Building Series 2015 | 7 - 11 |
| Confirmed Sponsors | 12 |
| Sponsorship Opportunities | 13 |
| Full Conference Space Layout | 14 |





59 ABSTRACTS ACCEPTED FOR THE CitA BIM GATHERING

| |
|---|
| An Examination of Building Information Modelling (BIM) for Retrofit Projects from an MEP Contractors Perspective |
| An investigation into the benefits of using Building Information Modelling during the Construction Phase of a Schools Bundle 4 Public Private Partnership Project |
| An investigation into the combined use of Graphical Programming and Building Information Modelling to automate the Passive House Verification Process through the use of practical case studies |
| Approaches to solving the problem of BIM search: towards machine learning assisted design |
| Automatic Open Standard Reporting for Dimensional Control Compliance |
| Barriers to Benefit from Integration of Building Information with Live Data from IOT Devices during Facility Management Phase |
| BIM - bespoke solutions from standard data |
| BIM and the protection of Intellectual Property |
| BIM at the threshold of collaboration |
| BIM Education and Training through BIM Regions UK, supported by UK BIM Alliance |
| BIM In Infrastructure - Challenges & Solutions |
| BIM Play – The Design and Piloting of a BIM Collaboration Charrette Methodology |
| BIM Standards for Quantity Surveyors |
| BIM the ANZ way, Maverick. |
| BIM: Building Information Management (not modelling) |
| BIM+Blockchain: A Solution for the Trust Problem in Collaboration? |
| BIMStorm Dublin — Hack the Housing Crisis |
| Breaking into the black box - Demystifying BIM data |
| Building Games - using Unity for Virtual Reality and Augmented Reality |
| Building Managers requirement specifications for efficient building operation |
| Design Information Modelling |
| Development of a framework to support the deployment and evaluation of Government policy objectives through the adoption of Building Information Modelling: A study of stakeholder experiences in the Irish construction industry |
| Development of a model view definition (MVD) for thermal comfort analysis in commercial buildings using BIM and energyplus |
| Digital Transformation Methodology |
| “Don’t Sweat the Small stuff” Using Revit extensions for Dynamic Quantity Take Off |
| Establishing the key pillars of innovation required to execute a successful BIM strategy within a Construction Micro SME in Ireland |
| Human Centred BIM |
| I, For One, Welcome Our New Client Overlords! |
| Implementing a digital working environment throughout an M&E Contractors |
| Impress BIM Methodology (iBIMm) - Façade Retrofit Methodology using Cloud Based Open Source BIM |
| Incorporating Building Information Modelling learning on BSc(Hons) Quantity Surveying & Commercial Management programme at Ulster University |
| Information Security and Management throughout a Project Lifecycle |

| |
|--|
| Information Technology Skills for Site Workers |
| Inspiring the Next Generation through Game Based Learning |
| Integrating BIM into a Structural Engineering curriculum – From absent to infused |
| Investigating the potential integration of Building Information Modelling and EXEED for improved lifecycle energy performance & management |
| Level 1 before level |
| Level 3 Building Information Modelling and Modular Manufacturing |
| Leveraging Building Information Modelling to achieve Fire Safety Code Compliance |
| Linking Geospatial Engineering into Collaborative Multidisciplinary BIM Projects - an Educational Perspective |
| PROOF of CONCEPT STUDY - OPTIMISATION of BUILDINGS OCCUPIED BY GLASGOW CITY COUNCIL (GCC) |
| Smarty Campus |
| Special Education Needs (SEN) School as an example of conversion of CAD based design data and non-graphical information into Common Data Environment with the use of BIM designing programme. |
| Technology Integration for Complete BIM Implementation |
| The Automation of BIM for Compliance Checking: A Visual Programming Approach |
| The BIM & Scan® Platform: A cloud-based cyber-physical system for automated solutions utilising real and virtual worlds. |
| The construction industry and a phobia of change. |
| The Death of Navisworks for the MEP industry |
| The Effect of Organisational Culture on Implementing Building Information Modelling (BIM) within a Multidisciplinary Design Consultancy in Ireland |
| The Internet of BIM Things (IoBIMT) and How it will change our Future! |
| The Life Cycle Engineer |
| The potential to enhance and develop the BIM capabilities of companies in the AEC sector through collaboration with third level educational institutions in knowledge transfer partnerships (KTPs) |
| The Role of the Common Data Environment (CDE). |
| The use of BIM to deliver the Wolfson Building, Institute for Experimental Medicine, Belfast Northern Ireland |
| The Virtual Interactive Relationship between BIM Project Teams: Methods for Effective Communication to aid Collaboration in the Design Process |
| “Tri-varsity, Inter-disciplinary BIM Workshops” The Integration of Building Information Modelling into the Curriculum of Architectural, Engineering and Construction Programmes |
| Validation of As-Is and As-Generated IFC BIMs for Advanced Scan-to-BIM Methods |
| Verifying BIM deliverables with Flux |
| What lessons can be learnt from the delivery of the first building on the Grangegorman Campus using Building Information Management (BIM) in relation to future Facility Management (FM) adoption? |

Confirmed KEYNOTE SPEAKERS

| | |
|---|--|
|  <p><u>PAM BHANDAL</u></p> | <p>Pam Bhandal is the founder/director of PB Marketing Consultants, working as a freelance marketing consultant with a number of different companies both within and outside the AECO industry. Pam started her marketing career within the Education Software industry. Her first foray into marketing was promoting educational software to secondary schools followed by 13 years of working within the automotive, manufacturing, building, engineering, design, infrastructure and the film and games industries. Pam worked for Autodesk for a number of years helping shape their marketing and PR strategies. Alongside her consultancy work Pam is now a director of BIM Regions UK, a member of Women in BIM and NAWIC as well a member of the Executive Team at the UK BIM Alliance. She supports a number of the BIM Regions across the country with a more defined role for both BIM Regions East and London. She can be seen at many industry events across the country tweeting live or managing stands.</p> |
|  <p><u>PAUL DODD</u></p> | <p>As an Associate Director within Scottish Futures Trust, Paul leads the BIM Delivery Group for Scotland on behalf of Scottish Government. The objective of this group is to support and enable the Scottish Public Sector to adopt BIM Level 2 from April 2017. The work of this group is set out within the new BIM Guidance Portal for Scotland launched in March 2017. Paul also leads on a variety of workstreams which include the creation of a new Community Infrastructure Benchmark Database, development of a new Community Benefits Toolkit for Construction and development of a new Whole Life Appraisal Tool for the built environment. With over 15 years within the construction industry, Paul has been involved in a variety of public and private sector projects which have ranged in terms of value, procurement and complexity. Paul is a Quantity Surveyor by profession and spent 10 years delivering cost management services within an international construction consultancy before joining Scottish Futures Trust in Aug 2012.</p> |
|  <p><u>PAUL DOHERTY</u></p> | <p>Paul is the President and CEO of the digit group (www.thedigitgroupinc.com), Chairman of the BIM company and is one of the global industry's most sought after thought leaders, strategists and integrators of process, technology and business. A Senior Fellow of the Design Futures Council, Paul is an award winning author, educator, analyst and adviser to Fortune 500 organizations, global government agencies, prominent institutions and the most prestigious architectural, engineering and contracting firms in the world. A pioneer in BIM and a former Fortune 500 corporate officer, Paul is a licensed architect and is a prominent and highly rated speaker at numerous industry events around the world each year and has been appointed as a guest lecturer at leading universities throughout the world. Paul's current work is focused on Smart City real estate developments that include financing, design-build and technology solutions in the USA, Australia, Europe, MENA, India, Southeast Asia and China. Concurrently, Paul is the co-founder and producer of the critically acclaimed AEC Hackathon</p> |

| | |
|---|--|
| | <p>(www.aechackathon.com) that launched at Facebook Headquarters in Silicon Valley.</p> |
|  <p><u>ROAR FOSSE</u></p> | <p>Roar is the Chief Advisor of Operational Excellence. Roar began using Lean whilst a graduate student in the US and started working as a BIM Coordinator in Skanska Norway. After becoming Regional Manager of Lean Construction in Oslo, he was part of establishing VDC as a common terminology for aligning Lean and BIM, as he is passionate about how the two fields can be integrated in practice. Roar is a board member of Lean Construction Norway and committee member of DKT, one of Norway’s biggest BIM conferences. He is also active in academia, as a researcher and a master thesis advisor and sensor, as well as being a regular guest lecturer at the Norwegian University of Science and Technology.</p> |
|  <p><u>HENNING HABBERSTAD</u></p> | <p>Henning is a Senior Advisor of BIM. After several years of field experience with HVAC instalment, Henning pursued a BIM education at a technical certificate school in Oslo and becoming a BIM Coordinator at Skanska Norway. Henning focuses on how to efficiently bring BIM to the Skanska production crews and digitalize their on-site work processes. As the creator of Skanska’s Digital Rebar workflow, a customized information management in Solibri and Autodesk BIM 360 Glue, he has enabled Skanska projects to design, procure and assemble rebar only using the BIM in Big Rooms, on tablets and on-site BIM stations rather than 2D drawings.</p> |
|  <p><u>LOUISE KELLY</u></p> | <p>Louise Kelly is an Architectural Technologist specialising in the use BIM Processes & Technologies and also a member of the Core Team of Women in BIM. Having studied Architectural Technology at Dublin Institute of Technology she found that she had a passion for BIM, in particular the use of BIM to facilitate greater project control, achieve greater efficiencies and reduce waste in Construction. Louise is the ‘Encourage & Support’ lead for Women in BIM where she is determined to help provide the support that our members need. In her presentation, she will be sharing an update, what this means to our members and to encourage both new members as well as supporters.</p> |
|  <p><u>DR ILKA MAY</u></p> | <p>Dr Ilka May is a senior consultant for BIM, GIS and digitalisation in the construction sector with more than fifteen years’ experience working with spatial technology and data. In her 10 years working for Ove Arup International, Ilka has worked with major clients on a range of prestigious projects, including London Olympics, Crossrail, Network Rail and Deutsche Bahn. In 2015 Ilka was the lead author of a strategic BIM road map for Germany and was appointed as co-chair of the EU BIM Task Group in Brussels. The group, which gathers the collective experience of public policy makers, public estate owners and infrastructure operators from over twenty European countries, has developed a handbook for the introduction of BIM by the European public sector. Since April 2016 she leads the BIM implementation programme of German Rail’s engineering arm DB Engineering & Consulting. Since 2017, Ilka is the CEO and co-owner of a company</p> |

| | |
|--|---|
| | <p>specialised in 3D modelling, visualization, virtual reality and gamification in the fields of modelling the built environment, design, operational processes, asset management and maintenance.</p> |
|  <p><u>DAVID MITCHELL</u></p> | <p>David is the founder of QSx Technologies - a deliberately small construction technology and consulting firm; and previously, Mitchell Brandtman – a world leader in 5D Quantity Surveying. He is also a BuildingSMART Australasia Board member and a Collaborate-ANZ committee member. With 35 years of industry experience (in building, civil, heavy engineering and resources) and a family background in construction consulting, he is known for approaching technology integration and automation in strategic and innovative ways.</p> |
|  <p><u>DAVID PHILP</u></p> | <p>David’s career spans over some 25 years where he has worked for some of the construction industry’s leading contractors and consultants. After graduating with a degree in Building Engineering and Management he joined Balfour Beatty as an Engineer spending much of his early years setting-out, planning and managing specialist sub-contractors before progressing to Director of Technical Services and subsequently BIM Programme Director. During this time David gained an MSc in Property & Construction Management (Distinction) and University Medal winner as well as Virtual Design and Construction certification from Stanford University, California. He was seconded into the Cabinet Office as Head of BIM Implementation and has been part of the UK BIM Task Group helping UK Government realize their BIM strategy. He is currently part of the Digital Built Britain (DBB) team and Chair of the Scottish BIM Delivery Group through the Scottish Futures Trust. David is employed by AECOM the multinational engineering firm as Global BIM/IM Consultancy Director helping clients around the globe achieve better outcomes through digitized and innovative approaches to the asset life-cycle.</p> |
|  <p><u>DR BILAL SUCCAR</u></p> | <p>Dr. Bilal Succar is a strategic BIM consultant with extensive experience in performance assessment and improvement. He is also an avid researcher in the fields of competency based learning and macro BIM policy development. Between 1994-2004, Bilal worked as a designer, team leader and site manager on a number of major projects in Australia and the middle east before focusing his attention on digital innovation, performance assessment and process improvement. In 2004, Bilal established ChangeAgents AEC (ChangeAgents.com.au/) an open-innovation consultancy to assist early BIM adopters in their implementation, training and digital delivery efforts. In 2009, Change Agents launched BIM Excellence, a unique research based method for assessing, benchmarking and improving the competency of individuals, capability/maturity of organisations and compatibility of project teams.</p> |



DR. SONIA ZAHIRODDINY

As the BIM Strategy Manager at High Speed 2, Sonia is responsible for the strategic and consistent implementation of BIM across the programme with a view to increasing efficiency through design, construction, testing, operations and maintenance. Sonia holds a PhD in Computer Sciences and BIM and a Masters degree in Business Information Systems Management. She is also an active member of the Chartered Institute of Buildings (CIOB) and International Council on Systems Engineering (INCOSE). Prior to HS2, Sonia helped London Rail & Underground to achieve BIM capability by developing and utilising standardised processes for the production, management and delivery of asset information. She is passionate about information management efficiency and determined to improve information management processes through standardisation, collaboration and better use of technology in the Rail and Construction Industry.

CONFIRMED SPONSORS

Platinum Sponsors



Gold Sponsors



Silver Sponsors



STAND SPONSORSHIP OPPORTUNITIES

| PLATINUM Sponsorship | GOLD Sponsorship | SILVER Sponsorship |
|----------------------|------------------|--------------------|
| €3,750 | €2,950 | €1,750 |

SPONSORSHIP INCLUDES

Speaking Slots

- Platinum Sponsorship includes 1 speaking slot x 20 mins in main room (limited availability)/ breakout room of CitA BIM Gathering
- Gold Sponsorship includes 1 speaking slot x 20 mins in one of the breakout rooms of CitA BIM Gathering
- Silver Sponsorship includes 1 speaking slot x 20 mins in one of the breakout rooms of CitA BIM Gathering

Branding

- Logo to be featured prominently on all marketing material for the BIM Gathering Conference. The CitA event team will liaise with vendor contacts in regard to requirements
- Company Logo on the sponsorship page of BIM Gathering Website <https://www.bimgathering.ie/>
- Company stand (1m or 3m) located in the exhibition space in the concourse area where tea/coffee and lunch takes place, 250+ delegates in attendance each day of BIM Gathering Conference.
- Logo on the meeting videos uploaded to CitA YouTube Channel and CitA website.
- Logo and company profile (100 words) in the conference Programme

Event Tickets

- Platinum Package includes 2 exhibitor tickets to each day of the 2 day BIM Gathering and 2 tickets to the BIM Gathering Dinner
- Gold Package includes 2 exhibitor tickets to each day of the 2 day BIM Gathering and 2 tickets to the BIM Gathering Dinner
- Silver Package includes 1 exhibitor ticket to each day of the 2 day BIM Gathering and 1 ticket to the BIM Gathering Dinner

ADDITIONAL SPONSORSHIP OPPORTUNITIES

| | |
|---|--|
| Welcome Drinks Reception 22 nd November in the Jurys Croke Park Hotel | €1,500 |
| T/C Breaks | €1,000 per break (6 breaks available) |
| Conference Lunch | €1,500 (2 lunch slots available) |
| Drinks Reception 23 rd November In the Player's Lounge Croke Park Stadium | €1,500 |
| Best Paper Awards (Academic, Industry, Education) | €250 per prize |

EXHIBITION SPACE FLOOR PLAN



| | | | |
|----|------------------|----|--------------------|
| 1 | Leica GeoSystems | 11 | BIM Assure |
| 2 | BAM | 12 | SISK |
| 3 | Diatec/Autodesk | 13 | Exactal |
| 4 | AVAILABLE | 14 | Irish Building |
| 5 | AVAILABLE | 15 | Enterprise Ireland |
| 6 | GroupBC | 16 | Skillnets |
| 7 | Zutec | 17 | AVAILABLE |
| 8 | Graphisoft | 18 | AVAILABLE |
| 9 | Solibri | 19 | AVAILABLE |
| 10 | Topcon | 20 | AVAILABLE |
| | | 21 | Magiced |