

The Programme		Building Capabilities in Complex Environments	
Day 1	Thursday 23rd November - Morning Session	Morning Sessions	
Plenary	Keynotes	Chair: Alan Hore, DIT and CitA	
08.15-08.30	Opening Address	Governmental Spokeperson	
08.30-09.10	BIM adoption policies: insights from across the world.	Bilal Succar, CEO Change Agents AEC	
09.10-09.50	The BIM Continuum: Smart Cities, Big Data and You	Paul Doherty, President and CEO, TDG (The Digit Group)	
09.50-10.10	'Diversity? Is There a Need?	Louise Kelly, BIM/Project Manager Women in BIM and Pam Bhandal, founder/director of PB Marketing	
10.10-10.30	Digital Construction - Building the present-ceating the future	Menno de Jonge, Director Digital Construction, Royal BAM Group Nv	
10.30-10.50	Q&A		
10.50-11.20	Tea & Coffee		
Breakout 1	Theme: BIM for Government	Chair:	
11.20-11.40	Improving information management and interoperability for national roads authority	Aonghus O'Keeffe, Roughan O'Donovan	
11.45-12.05	P Stewardship of International BIM Programmes: Lessons for Ireland	Barry McAuley CitA/BICP	
12.10-12.30	Delivering BIM level 2 – A collaborative workflow for the entire project team	Anand Mecheri, BIM Assure	
12.35-12.55	Platinum Sponsor Presentation	John Sisk & Son	
Breakout 2	Theme: BIM in Education	Chair:	
11.20-11.40	P Integrating BIM into a Structural Engineering curriculum – From absent to infused	Ted McKenna, Cork IT	
11.45-12.05	P Approaches to solving the problem of BIM search: towards machine learning assisted design	Hamed Khademi, DIT	
12.10-12.30	Platinum Sponsor Presentation	Leica Geo Systems	
12.35-12.55	Platinum Sponsor Presentation	Topcon	
Breakout 3	Theme: BIM Case Studies	Chair:	
11.20-11.40	P Establishing the key pillars of innovation required to execute a successful BIM strategy within a Construction Micro SME in Ireland	Patrick Carroll, DIT	
11.45-12.05	The use of BIM to deliver the Wolfson Building, Institute for Experimental Medicine, Belfast Northern Ireland	James Kearney, O'Hare & McGovern Ltd.	
12.10-12.30	Platinum Sponsor Presentation	Solibri	
12.35-12.55	Silver Sponsor	Bobby Gallagher, DFM Systems	
Breakout 4	Theme: Digital Technologies that Support BIM	Chair:	
11.20-11.40	P Automatic Validation of As-Is and As-Generated IFC BIMs for Advanced Scan-to-BIM Methods	Dr. Shawn O'Keeffe, Headcount Engineering	
11.45-12.05	P Verifying BIM Deliverables with Flux.io	Ralph Montague, Arcdox	
12.10-12.30	P Technology Integration for Complete BIM Implementation	JP Kelly, Murphy Surveys	
12.35-12.55	Challenge your Digital Thinking	Jonathan Croft, Allplan	
Breakout 5	Theme: Procuring with BIM	Chair:	
11.20-11.40	BIM: Building Information Management (not modelling)	Malachy Mathews	
11.45-12.05	I, For One, Welcome Our New Client Overlords!	Tom Oulton, Turner and Townsend	
12.10-12.30	Silver Sponsor	Headcount/MMA	
12.35-12.55	Silver Sponsor	IT Sligo	
12.55-14.00	LUNCH		

Breakout Sessions

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The Programme		Building Capabilities in Complex Environments	
Day 1	Thursday 23rd November - Afternoon Session	Afternoon Sessions	
Plenary	Keynotes	Chair: Bill East, Owner, Prairie Sky Consulting	
14.00-14.40	Digital Built Britain	David Philp, Global BIM/MIC Consultancy Director, AECOM	
14.40-15.20	European public sector aims for world class construction sector	Ilka May, CEO and partner of LocLab Consulting and Co-Chair of the EU BIM Task Group	
15.20-16.00	Proportionality, Policy and Pay Back -Learning from Scotland's BIM Programme	Paul Dodd, Associate Director, Scottish Futures Trust	
16.00 - 16.15	Q&A		
16.15-16.30	Tea & Coffee		
Breakout 1	Theme: BIM for FM	Chair:	
16.30-16.50	P		
16.55-17.15	CEN/TC 442 - Building Information Modelling (BIM) Update	Speaker to be confirmed	
Breakout 2	Theme: BIM for Government	Chair:	
16.30-16.50	Development of a framework to support the deployment and evaluation of Government policy objectives through the adoption of Building Information Modelling: A study of	Kuang, S., Hore A., McAuley, B. and West R.	
16.55-17.15	Level 1 before Level 2	Robert Moore, Grangegorman Development Association	
Breakout 3	Theme: BIM Education and Training	Chair:	
16.30-16.50	The potential to enhance and develop BIM capabilities of companies in the AEC sector through collaboration with third level institutions in knowledge transfer partnerships (KTPs)	Gervase Cunningham, Ulster University	
16.55-17.15	Linking Geospatial Engineering into Collaborative Multidisciplinary BIM Projects - an Educational Perspective	Avril Behan, DIT	
Breakout 4	Theme: BIM Case Studies	Chair:	
16.30-16.50	P What lessons can be learned from the delivery of the first building on the Grangegorman Campus using Building Information Management (BIM)?	Pat O'Sullivan, Grangegorman Development Agency	
16.55-17.15	P An investigation into the benefits of using Building Information Modelling during the Construction Phase of a Schools Bundle 4 Public Private Partnership Project	Brian Graham and Brook Cameron, Waterford IT	
Breakout 5	Theme: Digital Technologies that Support BIM	Chair:	
16.30-16.50	P IMPRESS BIM Methodology (iBIMm) - Façade Retrofit Methodology using Cloud Based Open Source BIM	Adalberto Guerra Cabrera, IES Ltd.	
16.55-17.15	P BIM - Bespoke Solutions from Standard Data	Duncan Reid, Trimble Solutions UK	
17.15	CONFERENCE CLOSING		

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The Programme		Building Capabilities in Complex Environments	
Day 2	Friday 24th November - Morning Session		Morning Sessions
Plenary	Keynotes		Chair: John McGowan, Tulatan
08.40-09.20		Making the Most from Change	David Mitchell, CEO & 5D Quantity Surveyor, QSx Technologies
09.20-10.00		HS2's approach to BIM and Beyond	Dr. Sonia Zahiroddiny, BIM Strategy Manager, HS ₂ Ltd
10.00-10.40		Integrating Modern Construction Practices with VDC	Roar Fosse, Chief Advisor, Operational Excellence, Skanska Building Norway. Henning Habberstad,
10.40-11.00		Q&A	
11.00-11.20		Tea & Coffee	
Breakout 1	Theme: Cultural Change and BIM		Chair:
11.20-11.40		Digital Transformation Methodology	Paul Shilcock, Operam
11.45-12.05		The Effect of Organisational Culture on Implementing Building Information Modelling (BIM) within a Multidisciplinary Design Consultancy in Ireland	Cillian O'Malley and Kieran O'Neill
12.10-12.30		BIM Education and Training through BIM Regions UK, supported by UK BIM Alliance	Pam Bhandal, Andy Boutle, John Eynon
12.35-12.55		Platinum Sponsor Presentation	Graphisoft
Breakout 2	Theme: BIM for FM		Chair:
11.20-11.40	P	Building Manager Requirement Specifications for Efficient Building Operation	Sergio V. Pinheiro, UCD
11.45-12.05	P	Barriers to Benefit from Integration of Building Information with Live Data from IOT Devices during Facility Management Phase	Zohreh Pourzolfaghar and Peter McDonnell, DCU
12.10-12.30	P	Development of a Model View Definition (MVD) for Thermal Comfort Analyses in Commercial Buildings using BIM and EnergyPlus	Fawaz Alshehri, UCD
12.35-12.55		Platinum Sponsor Presentation	Autodesk/Diatec
Breakout 3	Theme: Digital Technologies that Support BIM		Chair:
11.20-11.40		The BIM & Scan [®] Platform: A Cloud-Based Cyber-Physical System for Authomated Solutions Utilising Real & Virtual Worlds	Dr. Shawn O'Keeffe, Headcount Engineering
11.45-12.05	P	The Automation of BIM for Compliance Checking: A Visual Programming Approach	Jonathan Reinhardt, DIT
12.10-12.30	P	Automatic Open Standard Reporting for Dimensional Control Compliance	Neil Hyland, MacArdle McSweeney Associates
12.35-12.55		Gold Sponsor Presentation	Exactal
Breakout 4	Theme: Procuring with BIM		Chair:
11.20-11.40	P	The Life Cycle Engineer	Joseph Mady, Designer Group
11.45-12.05	P	BIM and Intellectual Property Rights in Ireland	Simon Fraser, Hussey Fraser Solicitors
12.10-12.30	P	The Virtual Interactive Relationship between BIM Project Teams: Effective	Emma Hayes, Middlesex University
12.35-12.55		Silver Sponsor Presentation	Zutec
Breakout 5	Theme: BIM Education and Training		Chair:
11.20-11.40	P	"Tri-varsity, Inter-disciplinary BIM Workshop", An Action Research International	Gordon Chisholm, Waterford IT
11.45-12.05	P	Incorporating Building Information Modeling learning on BSc(Hons) Quantity Surveying & Commercial Management programme at Ulster University	Gervase Cunningham, Ulster University
12.10-12.30	P	Information Technology Skills for Site Workers	Joseph Mady, Designer Group
12.35-12.55		Silver Sponsor Presentation	Magicad
12.55-14.00		LUNCH	

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Day 2	Friday 24th November - Afternoon Session		Afternoon Sessions
Breakout 1	Theme: Digital Technologies that Support BIM		Chair:
14.00-14.20	P	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.	Andy McNamara, GMIT
14.25-14.45	P	An Examination of Building Information Modelling (BIM) for Retrofit Projects from an MEP Contractors Perspective	Alan Woods, Designer Group
14.50-15.10		Platinum Sponsor Presentation	Vectorworks
Breakout 2	Theme: Procuring with BIM		Chair:
14.00-14.20	P	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	Piotr Nabzdyk, JSA Architects Ltd
14.25-14.45	P	BIM+Blockchain: A Solution to the Trust Problem in Collaboration?	Malachy Mathews, DIT
14.50-15.10		Breaking into the black box - Demystifying BIM Data	Anand Mecheri, Invicara and Roger P. West, Trinity College Dublin
Breakout 3	Theme: BIM for Government		Chair:
14.00-14.20	P	Ireland's BIM Macro Adoption Study: Establishing Ireland's BIM Maturity	Barry McAuley, CitA/BICP
14.25-14.45	P	BIM in Infrastructure - Challenges & Solutions	Robert Ryan, ARUP
14.50-15.10		Silver Sponsor Presentation	Group BC
Breakout 4	Theme: BIM for FM		Chair:
14.00-14.20		Investigating the potential integration of Building Information Modelling and EXEED for improved lifecycle energy performance & management	Rodger Greene, Brian Graham and Derek Egan
14.25-14.45		Leveraging BIM to Achieve Fire Safety Code Compliance	Ronan Gallagher, Letterkenny IT
14.50-15.10			
Breakout 5	BIM and Gamification		
14.00-14.20	P	Inspiring the Next Generation through Game Based Learning	David Comiskey, Ulster University
14.25-14.45	P	Building Games - using Unity for Virtual Reality and Augmented Reality	Paul Vesey, Limerick IT
14.50-15.10		Silver Sponsor Presentation	Sherlayer
15.10-15.30		Tea & Coffee	
Plenary	Closing Session		Chair: Alan Hore, DIT and CitA
15.30-15.40		Ireland's Public Sector BIM Adoption Strategy	David O'Brien, Construction Advisor, Office of Government Procurement
15.40-15.55		Roadmap for Digital Transition for Ireland's Construction Industry	John Hunt, Enterprise Ireland
15.55-16.15		BICP 2018/2019	Dr. Alan Hore, DIT and CitA
16.15-16.30		Best Paper Awards	Professor Bill East
16.30-16.35		Closing Address	Dr. Alan Hore, Conference Chair

Plenary Session

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