



Plenary Session	Plenary	Keynotes	Chair: John McGowan, Tualatin
	08.00	Welcome Address	Dr. Alan Hore , Conference Chair
	08.05	Opening Address	Minister Pat Breen , Office of the Minister for Trade, Employment, Business, EU Digital Single Market and Data Protection.
	08.15	BIM adoption policies: Insights from across the world.	Dr. Bilal Succar , CEO Change Agents AEC.
	08.55	The BIM Continuum: Smart Cities, Big Data and You.	Paul Doherty , President and CEO, TDG (The Digit Group).
	09.35	Diversity: Is there a need?	Louise Kelly , BIM Manager, ACB Group and Women in BIM with Pam Bhandal , Women in BIM, BIM Regions UK&I, and the UK BIM Alliance
	10.10	Digital Construction: Building the present-creating the future.	Menno de Jonge , Director Digital Construction, Royal BAM Group Nv.
10.30	QA Q&A Session		
10.50	Tea and Coffee Break		

Hogan Mezzanine

Breakout 1	Theme: BIM for Government		Chair: John Duffy, Transport Infrastructure Ireland.
	11.20	Improving information management and interoperability for National Roads Authority.	Aonghus O'Keeffe, Roughan O'Donovan.
	11.45	CEN/TC 442: Building Information Modelling (BIM) Update	Anne Kemp, Atkins Global.
	12.10	Breaking into the black box - Demystifying BIM Data	Anand Mecheri, Invicara and Roger P West, Trinity College Dublin.
	12.35	Strategic BIM Management	Cillian Kelly, John Sisk & Son (Holdings) Ltd.

Hogan Mezzanine

Breakout 2	Theme: BIM Education and Training		Chair: Emma Hayes, PM Group.
	11.20	Integrating BIM into a Structural Engineering curriculum: From absent to infused.	Ted McKenna, Cork Institute of Technology.
	11.45	A review of approaches to solving the problem of BIM search: Towards intelligence-assisted design.	Hamed Khademi, Dublin Institute of Technology.
	12.10	Underground, overground, everywhere...	John Kerrigan, Leica Geosystems.
12.35	Intelligent Jobsites	Jonathan Argue, Topcon.	

Nally Suite (Level 4)

Breakout 3	Theme: BIM Case Studies		Chair: Paul Brennan, BAM Ireland.
	11.20	Establishing the key pillars of innovation required to execute a successful BIM strategy within a Construction Micro SME in Ireland.	Patrick Carroll, IT Carlow.
	11.45	The use of BIM to deliver the Wolfson Building, Institute for Experimental Medicine, Belfast Northern Ireland.	James Kearney, O'Hare & McGovern Ltd.
	12.10	Data Quality Does it matter to you?	Andrew Bellerby, Solibri.
12.35	BIM to FM - Delivering structured data in COBie and other formats.	Bobby Gallagher, DFM Systems.	

Davin Suite (Level 4)

Breakout 4	Theme: Digital Technologies that Support BIM		Chair: Bernard Voortman, Cummins & Voortman
	11.20	Automatic Validation of As-Is and As-Generated IFC BIMs for Advanced Scan-to-BIM Methods.	Dr. Shawn O'Keeffe, MMA.
	11.45	Verifying BIM Deliverables with Flux.io	Neill Reilly, Arcdox.
	12.10	Technology Integration for Complete BIM Implementation.	JP Kelly, Murphy Surveys.
12.35	Challenge your Digital Thinking	Jonathan Croft, Allplan.	

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Breakout 5	Theme: Procuring with BIM		Chair: Trevor Woods, Construct IT.
	11.20	BIM: Building Information Management (not modelling).	Malachy Mathews and Kevin Deegan, Dublin Institute of Technology.
	11.45	BIM and the trough of disillusionment.	Cian Clancy, KSN Construction Consultants.
	12.10	The BIM & Scan® Platform: A Cloud-Based Cyber-Physical System for Automated Solutions Utilising Real & Virtual Worlds.	Shane Brodie, MMA.
12.35	BIM & Lean integrated practices in Project Management and Procurement.	Dr. David Colleary, IT Sligo.	

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13.00 **Lunch** (return at 14.00 for afternoon session)

Plenary Session	Plenary	Keynotes	Chair: Professor Bill East, Owner, Prairie Sky Consulting.
	14.00	Digital Built Britain	David Philp , Global BIM/MIC Consultancy Director, AECOM.
	14.30	Making BIM Level 2 business as usual.	Dr. Anne Kemp , Chair of UK BIM Alliance, Atkins Global.
	15.00	European public sector aims for world class construction sector.	Dr. Ilka May , CEO and partner of LocLab Consulting and Co-Chair of the EU BIM Task Group.
	15.30	Proportionality, Policy and Pay Back - Learning from Scotland's BIM Programme.	Paul Dodd , Associate Director, Scottish Futures Trust
	16.00	QA Q&A Session	
	16.15	Tea and Coffee Break	

Hogan Mezzanine

Breakout 1	Theme: BIM for FM		Chair: Kevin Rudden, Garland.
	16.30	Integration of Performance Analysis across the Building Lifecycle: The latest in Digital Design and Construction.	Gary Nixon, Integrated Environmental Solutions Limited.
16.55	Barriers to Benefit from Integration of Building Information with Live Data from IOT Devices during Facility Management Phase.	Zohreh Pourzolfaghar and Peter McDonnell, Dublin City University.	

Hogan Mezzanine

Breakout 2	Theme: BIM for Government		Chair: Ken Woods, WK Nowlan Real Estate Advisors.
	16.30	Stewardship of International BIM Programmes: Lessons for Ireland.	Barry McAuley CITA/BICP
16.55	Level 1 before Level 2.	Robert Moore, Grangegorman Development Agency.	

Nally Suite (L4)

Breakout 3	Theme: BIM Education and Training		Chair: Kevin Rudden, Garland Consultancy (TBC)
	16.30	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	"Tri-varsity, Inter-disciplinary BIM Workshop", An Action Research International Example.	Gordon Chisholm, Waterford IT and Frances Robertson, Sheffield Hallam University	

Davin Suite (L4)

Breakout 4	Theme: BIM Case Studies		Chair: Mark Costello, RPS.
	16.30	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	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.	

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Breakout 5	Theme: Digital Technologies that Support BIM		Chair: Dr. Ken Thomas, Waterford Institute of Technology.
	16.30	IMPRESS BIM Methodology (iBIMm) - Façade Retrofit Methodology using Cloud Based Open Source BIM.	Adalberto Guerra Cabrera, IES Ltd..
16.55	BIM - Bespoke Solutions from Standard Data.	Duncan Reid, Trimble Solutions UK.	

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17.15 **CONFERENCE CLOSING** Short Recess



Plenary Session	Plenary	Keynotes	Chair: Claire Penny, IBM.	
	08.40	HS2's approach to BIM and Beyond	Dr. Sonia Zahiroddiny , BIM Strategy Manager, HS, Ltd	
	09.20	Integrating Modern Construction Practices with VDC.	Roar Fosse , Chief Advisor, Operational Excellence, Skanska Building Norway Henning Habberstad , Senior Advisor BIM, Skanska Teknikk Norway	
	10.00	Commercial outputs from BIM: Possibilities and Challenges.	Zoey Ritchie , Senior Consultant, PCSG.	
	10.40	QA Q&A Session		
	10.50	Tea and Coffee Break		
Breakout 1	Theme: Cultural Change and BIM			Chair: Mary Flynn , Dublin City Council.
	11.20	The Virtual Interactive Relationship between BIM Project Teams: Effective Communication to aid Collaboration in the Design Process.	Emma Hayes, Middlesex University and PM Group.	
	11.45	Better Construction through Irish BIM Regions.	Cillian Kelly, John Sisk & Son (Holdings) Ltd. and Mark Costello, RPS.	
	12.10	BIM Education and Training through BIM Regions UK.	Andy Boutle, Kier Construction and John Eynon, Open Water Consulting.	
	12.35	How to Maximise BIM Adoption with a People First Approach.	Karl Thurston, BIM Consultant, Graphisoft.	
Breakout 2	Theme: BIM for FM			Chair: Jimmy Kirby , Kirby Group.
	11.20	Building Manager Requirement Specifications for Efficient Building Operation.	Sergio V. Pinheiro, University College Dublin.	
	11.45	Leveraging BIM to Achieve Fire Safety Code Compliance.	Ronan Gallagher, Letterkenny IT.	
	12.10	Development of a Model View Definition (MVD) for Thermal Comfort Analyses in Commercial Buildings using BIM and EnergyPlus.	Fawaz Alshehri, University College Dublin.	
	12.35	Project to Asset Information Handover & what clients really want.	Gavin O'Neill, Group BC.	
Breakout 3	Theme: Digital Technologies that Support BIM			Chair: Anand Mecheri , BIM Assure.
	11.20	The BIM & Scan® Platform: A Cloud-Based Cyber-Physical System for Automated Solutions Utilising Real & Virtual Worlds.	Dr. Shawn O'Keeffe, MMA.	
	11.45	The Automation of BIM for Compliance Checking: A Visual Programming Approach.	Jonathan Reinhardt, Datech.	
	12.10	Automatic Open Standard Reporting for Dimensional Control Compliance.	Neil Hyland, MMA.	
	12.35	Supply and Demand: Technology and Skills being utilised in Digitising Project Delivery.	David Purdon, Diotec.	
Breakout 4	Theme: Procuring with BIM			Chair: Professor Roger West , Trinity College Dublin.
	11.20	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.	
	11.45	BIM and Intellectual Property Rights in Ireland	Simon Fraser, Hussey Fraser Solicitors.	
	12.10	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/Coffey Group Ltd..	
	12.35	Digital Transformation of Construction QA Processes at Midfield Terminal, Abu Dhabi Airport Project.	Daniel De Silva, ZUTEC.	
Breakout 5	Theme: BIM Education and Training			Chair: Dr. Roisin Murphy , Dublin Institute of Technology.
	11.20	Linking Geospatial Engineering into Collaborative Multidisciplinary BIM Projects - an Educational Perspective	Avril Behan, Dublin Institute of Technology.	
	11.45	Incorporating Building Information Modeling learning on BSc(Hons) Quantity Surveying & Commercial Management Programme at Ulster University	Gervase Cunningham, Ulster University.	
	12.10	Information Technology Skills for Site Workers	Joseph Mady, Designer Group	
	12.35	MagiCAD for Revit MEP – Localised calculations and content for the UK & Irish MEP Markets.	Gavin Doherty, Managing Director, Magicad.	
	13.00	Lunch (return at 14.00 for afternoon session)		
Breakout 1	Theme: Cultural Change Management and BIM			Chair: Sean Downey , Construction Industry Federation.
	14.00	Digital Transformation Methodology	Paul Shilcock, Operam.	
	14.25	Managing Functionality Risk in the Building Development Process	Dr. Louis Gunnigan, Dublin Institute of Technology	
	14.50	Best practice workflow covering file setup and organisation, direct modelling & parametric modelling, construction. phasing documentation and conceptual modelling.	Samit Patel, BIM consultant and Vectorworks specialist.	
Breakout 2	Theme: BIM for Government			Chair: John Kerrigan , Leica Geosystems.
	14.00	Ireland's BIM Macro Adoption Study: Establishing Ireland's BIM Maturity.	Barry McAuley CitA/BICP	
	14.25	BIM in Infrastructure: Challenges & Solutions.	Robert Ryan, ARUP.	
	14.50	BIM + Blockchain: A Solution to the Trust Problem in Collaboration?	Malachy Mathews, Dublin Institute of Technology .	
Breakout 3	Theme: BIM for FM			Chair: Aonghus O'Keeffe , Roughan O'Donovan.
	14.00	Universal & Ubiquitous BIM access through cloud infrastructure.	JP Kelly, Murphy Surveys.	
	14.25	Delivering BIM level 2; A collaborative workflow for the entire project team.	Anand Mecheri, BIM Assure.	
	14.50	The Life Cycle Engineer .	Joseph Mady, Designer Group.	
Breakout 4	Theme: BIM and Gamification.			Chair: Damian Duffy , NDFA.
	14.00	Inspiring the Next Generation through Game Based Learning	David Comiskey, Ulster University	
	14.25	Building Games - using Unity for Virtual Reality and Augmented Reality	Paul Vesey, Limerick IT.	
	14.50	The Journey to BIM Level 2 for SMEs	James Howard, Sherlayer.	
	15.10	Tea and Coffee Break		
Plenary Session	Plenary	Closing Session	Chair: Alan Hore, Dublin Institute of Technology and CitA.	
	15.30	Ireland's Public Sector BIM Adoption Strategy	David O'Brien , Construction Advisor, Office of Government Procurement.	
	15.40	Roadmap for Digital Transition for Ireland's Construction Industry	John Hunt , Enterprise Ireland.	
	15.55	BICP 2018/2019	Dr. Alan Hore , Dublin Institute of Technology and CitA.	
	16.15	Best Paper Awards	Professor Bill East , Dublin Institute of Technology & Prairie Sky Consulting	
	16.30	Closing Address	Dr. Alan Hore , Conference Chair.	

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