

The Programme **Day One, Morning**
Digital disruption of the AEC Sector:
Future Directions

07.30 Registration & Networking			
Chair: John McGowan, Tualatin			
08.05	Dr. Alan Hore	Dublin Institute of Technology and Founding Director CitA	Welcome Address
08.10	Minister Pat Breen, TD	Office of the Minister for Trade, Employment, Business, EU Digital Single Market and Data Protection.	Opening Address
08.20	Savannah de Savary	CEO and Founder, Built ID	The Impact of Robotics and 3D Printing on the Construction Industry
08.55	Martin McDonnell	CEO, Soluis	Superpowers for the Future Workplace: Science Fiction Becomes Science Fact
09.30	John Kerrigan	Ireland Country Manager, Leica Geosystems	Hexagon and Leica Geosystems: Shaping Smart Change
09.50	Anand Mecheri	CEO, Invicara	Digital Twins: Pivotal for digital transformation
10.10	Michael Guerin	Programme Manager, Smart Docklands	Delivering a Smart District through City to City Collaboration

10.30 Q & A

10.50 Morning break (until 11.30)

11.30 Live Stages

1

Smart Cities and IoT

Chair: Emma Hayes
Digital Built Consultants

Resilient Defence:
Cyber threat landscape and Risk Mitigation

DFM Systems:
Using Digital Safety files for FM and Asset life cycle post-handover

Evercam:
Site Cameras as a live project management and Marketing resource

2

Reality Technologies

Chair: Ken Thomas
Waterford Institute of Technology

VRAI:
From Somalia to the site: Hazardous Environment training using Virtual Reality

Digital Construction Technologies:
The transition from PAS 1192 to ISO 19650

AECHackathon Winners:
Real-time Life Cycle Analysis of a Revit Model

3

Drones, Geo Spatial and BIM

Chair: Eugen Niculae
Dublin Institute of Technology

FlyRyte:
Incorporating drones into your organisation

LES:
Survey Technology for BIM

LERO:
Exploration of BIM Process from Information Flow Perspective

4

BIM Innovations

Chair: Anand Mecheri
Invicara

Bluebeam:
There is no "I" in Team
The future of digital collaboration using Bluebeam Revu

Diatec:
Moving from BIM enablement to BIM excellence


FenestraPro:
Façade Design Optimisation and Generative Design using FenestraPro Premium for Revit

12.45 Lunch (until 14.00)

The Programme **Day One, Afternoon**
Digital disruption of the AEC Sector:
Future Directions

Chair: Dr. Ken Thomas, Waterford Institute of Technology			
14.00	Donal Sullivan	Vice-President & General Manager, Johnson Controls Ltd	Smart Buildings and The Digital Journey
14.30	Gearoid O’Brian	CEO, Unmanned Aircraft Association of Ireland (UAAI)	Drones: The future? The past, present and future of drone technology in Ireland and internationally.
15.00	Stephen Kennedy	Technical Sales & Support, Topcon	Automation in the Irish Construction Industry
15.20	Ricardo Oliveira	Murphy Surveys	Meaningful point clouds
15.40	Q & A		
15.50	Afternoon break (until 16.10)		
16.10	Live Stages		




 **1**

BIM Innovations

Chair: Vinnie Quinn
Evercam

Exactal:
Linking 2D with BIM for Cost Estimating

Zutec:
Westfield London Case Study: BIM for Operations and Maintenance

 **2**

Reality Technologies

Chair: Bobby Gallagher
DFM Systems

Daqri:
Augmented Reality for the Construction Industry: Applications and use-cases

EnergyElephant:
Using A.I. to Automate Construction’s Sustainability Big Data


 **3**

3D Printing and Automation

Chair: Joe Mady
Digital Construction Technologies

Hackett 3D:
3D Printing in the construction industry

BIM & Scan:
BIM & Scan AutoCorr™: Automated Model Validation Utilising Semantic Point Clouds

 **4**

Smart Cities and IoT

Chair: Louise Kelly
ACB Group





Site Passport:
How blockchain and decentralisation can revolutionise the construction industry

Sonitus Systems:
Noise, Vibration and Dust: Automated compliance monitoring

The Programme **Day Two**

**Digital transition of the AEC sector:
Changing the way we work**

07.30 Registration & Networking		
Chair: Kathryn Meghen, CEO, RIAI		
08.20	Alain Waha	Global lead for BIM & Digital Transformation, BuroHappold Engineering
		From BIM Models to (performance) Outcomes
08.50	Bruce Mace	Director of Facilities Management UCSF
		BIM4FM: Convergence on the Horizon
09.20	Owen Sisk	Performance Director, John Sisk & Son
		The Productivity Opportunity
09.50	Karl Thurston	BIM Consultant, Graphisoft
		Pragmatic BIM for Digital Transition
10.10	Ben Lam	Vectorworks/Assael Architecture
		Transition to BIM
10.30 Q & A		
10.50 Morning break (until 11.30)		
11.30 Live Stages		

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<p>Collaboration Initiatives</p> <p>Chair: Dr. Alan Hore Dublin Institute of Technology and CitA</p> <p>NBS: Strategic Partnership Proposal with CitA</p> <p>BRE: Delivering a Digital Built Britain – Structuring BIM Data</p>	<p>Lean Construction</p> <p>Chair: Rob Fox Site Passport</p> <p>LCI: Lean synergy with BIM and how Lean Construction Ireland can help your business</p> <p>Ardmac: Our Lean Story so Far</p>	<p>BIM in the UK</p> <p>Chair: Ralph Montague Arcdox</p> <p>UK BIM Alliance: Update on UKI buildingSMART Open BIM Qualification</p> <p>Women in BIM: Our Story</p>	<p>BIM Innovations</p> <p>Chair: Kevin Rudden Garland</p> <p>BAM: Digital Construction Infrastructure</p> <p>CoEngineers.io: The first blockchain developed for Engineers by Engineers</p>

12.30 Lunch (until 14.00)		
Chair: Dr. Alan Hore, Dublin Institute of Technology and Founding Director CitA		
14.00	Alexandra Bolton	Deputy Director, Centre for Digital Built Britain
		Bytes & Mortar: The Potential for Digital to Transform the Construction & Infrastructure Sectors
14.30	May Winfield	Senior Legal Counsel, ENGIE
		The Legal Frontier: Managing the Risks of Construction Technology
15.00	Cillian Leonowicz	Head of Business Development, Deloitte EMEA Blockchain Lab
		Blockchain, Construction and Ireland – use cases to foster sustainable growth
15.30	Harry O’Neill	Sales Manager, Solibri
		Solibri – A Quality Assured Model
16.00	Panel Discussion:	Digital Transition of Ireland’s Construction Industry – Next Steps
16.20	Dr. Alan Hore	Dublin Institute of Technology and CitA
		Closing Address