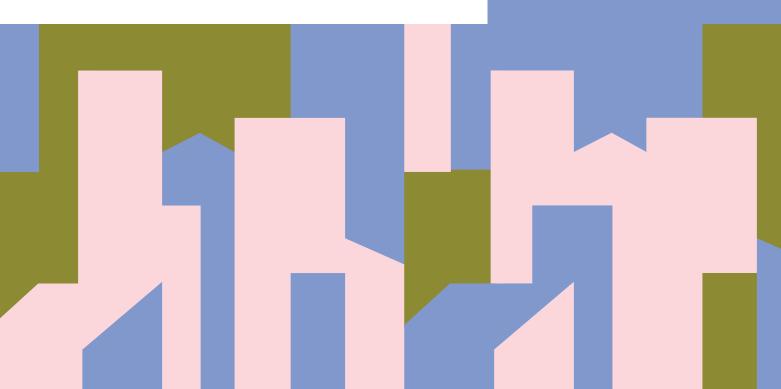
## **Next-Generation** Construction in Ireland

**Education. Research** and Training as **Key Enablers** 

BOOK

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## ONE-DAY CONFERENCE / 24 NOVEMBER 2022

Royal Irish Academy, 19 Dawson Street, Dublin 2

## **Programme**

9.30-10.00 Registration

**OPENING SESSION** 10.10-10.45

Welcome from President of the Royal Irish Academy

Mary Canning MRIA

Keynote ministerial address

Simon Harris TD, Minister for Further and Higher Education, Research, Innovation and Science

**Introduction by Conference Chair** 

Orla Feely MRIA, Vice President for Research, Innovation and Impact and Professor of Electronic

Engineering, University College Dublin; Past-President, Engineers Ireland

**BREAK** 

**SESSION I: MODERN METHODS OF CONSTRUCTION (MMC)** 11.00-12.30 Chair: Professor Aoife Ahern, Dean of Engineering University College Dublin

Professor Richard Buswell, Professor of Building Systems and Engineering and Hybrid Concrete Printing Group lead, Loughborough University

Speaker 2

Martin Searson, Founder and CEO Quality Positive Ltd

Panel discussion with above speakers plus panellists Claire Lane, Associate Director, LMC Group Ltd

Professor Gerry Byrne, UCD

Marchant van den Heever, Technical Director, Harcourt Technologies Ltd

LUNCH 13.30-15.00

**SESSION II: DIGITAL ADOPTION FOR CONSTRUCTION** Chair: Dr Avril Behan, Project Director for Build Digital, TU Dublin

Speaker I

Dr Tara Brooks, School of Natural and Built Environment, Queen's University Belfast

Joseph Mady, CEO, Digital Construction Technologies Group

Panel discussion with above speakers plus panellists Dr Elisabeth O'Brien, Digital Academy for the Sustainable Built Environment, Technological

University of the Shannon: Midwest Emma Hayes, Managing Director, Digital Built Consultants

SESSION III: NEW TECHNOLOGIES AND POLICIES FOR ENHANCED

Sarah-Jane Pisciotti, Head of Design, SISK Group

**BREAK** 

15.15-16.35 SUSTAINABILITY

Chair: Brian Norton MRIA

Speaker I

Orla Coyle, Programme Manager, Public Sector and Regulatory Programmes, SEAI

Sarah Miley, Apprenticeship and Public Policy Partnering, Department of Further and Higher Education, Research, Innovation and Science

Panel discussion with above speakers plus panellists

- Professor Jamie Goggins, Co-director, Construction Technology Centre, Established Professor, University of Galway Lorraine Fitzgerald, Head of Sustainability, Glenveagh Properties PLC
- Mark Courtney, Managing Director, House2Home Refit Ltd

**CLOSING DISCUSSION: SUMMARIES, KEY THEMES AND OUTCOMES** 16.35-17.00

Led by the Conference Chair and Session Chairs

**CONFERENCE CLOSE** 

the Construction Industry Federation and sponsored by the Higher Education Authority.

This conference is organised by the RIA Engineering & Computer Sciences and the Geography & Geosciences committees and

-Professor Gerald Farrell,TU Dublin (co-Chair) Professor Padraic O'Donoghue, University of Galway (co-Chair)

—Dr Avril Behan, TU Dublin —PJ Rudden, Aengus Consulting Ltd

—Sean Downey, Construction Industry Federation —Trish Flanagan, Construction Industry Federation

Conference organising committee:

—Dr Richard Manton, Engineers Ireland —Dr Marguerite Nyhan, UCC







