Programme

9.30–10.00  Registration

10.10–10.45  OPENING SESSION
Welcome from President of the Royal Irish Academy
Mary Canning MRIA

Keynote address
PJ Rudden, Aengus Consulting and Chair of Innovation and Digital Adoption, Construction Sector Group

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

**Speaker 1**  
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: Sean Downey, Construction Industry Federation

**Speaker 1**  
Dr Tara Brooks, School of Natural and Built Environment, Queen’s University Belfast

**Speaker 2**  
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
- Dr Cormac Flood, Coady Architects

**BREAK**

15.15–16.35  
**SESSION III: NEW TECHNOLOGIES AND POLICIES FOR ENHANCED SUSTAINABILITY**
Chair: Brian Norton MRIA, Head of Energy Research, Tyndall National Institute; Research Professor, University College Cork; Professor of Solar Energy Applications, TU Dublin.

**Speaker 1**  
Orla Coyle, Head of Energy and Sustainability, Savills Ireland

**Speaker 2**  
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

16.35–17.00  
**CLOSING DISCUSSION: SUMMARIES. KEY THEMES AND OUTCOMES**
Led by the Conference Chair and Session Chairs

**CONFERENCE CLOSE**

This conference is organised by the RIA Engineering & Computer Sciences and the Geography & Geosciences committees and the Construction Industry Federation and sponsored by the Higher Education Authority, SEAI and Enterprise Ireland.