

Annual Conference 2024: Data-Driven Design

This year's conference, to be held at the University of Glasgow on the 4th and 5th of June, will consider, within the overarching theme of Data-Driven Design, how AI, data and technology are influencing and changing sustainable university design, in particular looking at how the University is responding to these challenges.

The conference will be based in the historic 19th century Bute Hall at the University of Glasgow, and move into the 21st century with building tours of four of the university's most recent buildings on the new Western Infirmary Campus, part of a major £1 billion capital investment strategy, one of the largest of any UK university.

3rd June 2024

- 6pm – 8pm Pre-Conference Drinks Reception at the Mackintosh School of Architecture Degree Show in the Bourdon Building, Glasgow School of Art with an introduction to the School by Sally Stewart, Head of the School and an overview of the UDF Student Competition by Andy MacFee, AMA. With an opportunity to view the Degree Show of the Mackintosh School of Architecture between 6-8pm.

4th June 2024

- 10am - Welcome and Introduction to Glasgow by Trevor Wills, Chair of the University Design Forum and Peter Haggarty, Executive Director of Estates, University of Glasgow.
- 10:15am - Keynote speaker: Smart Campus Tools by Professor Alexandra den Heijer, Professor of Public Real Estate, TU Delft. Facilitated by Trevor Wills, University of Plymouth.
- 11:00am - Session 1: Data and the focus on the management of data for high quality design by Maria-Chiara Piccinelli, Associate-Director, Chipperfield Architects and Philip Watson, Chair, Head of Design, HLM Architects. Facilitated by Helen Groves, AtkinsRéalis.
- 12:00pm Lunch in Hunters Hall
- 12:50pm Session 2: Focus on Immersive Technologies by Paul Chapman, Director of Emerging Technology, GSA. Facilitated by Eleanor Magennis, Glasgow School of Art.
- 2:30pm Keynote speaker: Improving student outcomes with evidence-based design by Jane McNeil, Pro Vice-Chancellor (Education) at NTU on SCALE-UP. Facilitated by Trevor Wills, University of Plymouth.
- 3:10pm Pecha Kucha presentations introducing the new buildings to be visited on the Western Campus, with a focus on what is different and how data has been used, by

David Ross, AtkinsRéalis; Darren Hall, Hassell; Patrick Clark, HLM Architects and Gary Clark, HOK. Facilitated by Matt Hutton, Bond Bryan Architects.

- 3:50pm Tea & Coffee
- 4:10pm Building Visits to recent projects on the Western Campus of the University:
 - James McCune Learning Hub (HLM Architects)
 - Advanced Research Centre (HOK)
 - Clarice Pears Building (AtkinsRéalis)
 - Adam Smith Business School (Hassell)
- 6:30pm Informal Drinks Reception in the Cloisters
- 7:15pm Networking Dinner in Bute Hall with an after-dinner presentation: Artificial Architectural Intelligence: AEC Augmented or Obliterated? Presented by Phil Bernstein, Associate Dean and Professor Adjunct - Yale School of Architecture and author of the book 'Machine Learning – Architecture in the Age of Artificial Intelligence' from New York. Facilitated by Ian Caldwell. The dinner will start with 'On The Way To The Forum': A short film following the University Design Forum's study tour to Rome in March featuring footage shot by delegates, created by the architect and film-maker Rod McAllister, and will include a short welcome to the conference by Trevor Wills, Chair of the University Design Forum and Peter Haggarty, Executive Director of Estates, University of Glasgow.
- 10:00pm After-dinner Networking Bar
- 11:00pm Close

5th June 2024

- 9:00am Session 3: A data driven process to foster engagement and innovation for people-focused campuses by Gautam Sundaram, Principal, Urban Design of Perkins & Will, Boston and Adam Scott, Executive Creative Director and Founder of FreeState. Facilitated by Ian Goodfellow, Perkins & Will.
- Session 4: The University of Glasgow and the future of data-driven-design. Facilitated by Julian Robinson, London School of Economics.
 - 10:00am Data and Technology: How it is shaping the estate and how it will develop in the future at the University of Glasgow by Frank Coton, Senior Vice Principal, Deputy Vice-Chancellor, University of Glasgow.
 - 10:30am: Future estates developments at the University of Glasgow and how data is being used to shape them by Nicola Cameron, Director of Property Joint Ventures, University of Glasgow, with Steve Webb, Director, Design Management, AECOM.
 - 11:15am: Digital Twin Implementations: Opportunities and Challenges by Professor Fiona Bradley, Head of Structural Engineering Design, University of Glasgow.
- 11:45am Tea & Coffee

- 12:05pm Session 5: Looking to the future: University Design Forum:
 - Research Overview by co-chairs of Research Group Cora Kwiatkowski, Stride Treglown and Alex Grigull, Grimshaw Architects and Focus on the 'Social Learning Guide' by Dr Hiral Patel, Cardiff University. Facilitated by Ajet Durici, 3PM.
 - 2024 Student Competition at the Mackintosh School of Architecture, facilitated by Andy MacFee, AMA.
- 1:30pm Lunch in Hunters Hall
- 2:30pm Masterclass – Creating Charles Rennie Mackintosh joinery in the 21st century: David MacDonald, Managing Director and Angus Johnson, Laurence McIntosh Joinery commissioned by the Glasgow School of Art to recreate the joinery in the Mackintosh Building Library. Facilitated by Eleanor Magennis, Glasgow School of Art.
- 3:00pm Session 6: How data can influence NZC building design: using embodied carbon as a metric for the design and retention of HE buildings by Stephen Beggs, Director, Curtins, Rebecca Mortimore, Director, Ramboll, and Fergal Kelly, Ramboll. Facilitated by Mark Dawson, Reiach And Hall Architects.
- 4:00pm Finish/Conclusion: Trevor Wills, Chair of University Design Forum.

For information about the conference visit <https://www.universitydesignforum.org/events/annual-conference-2024/> and for any queries or how to book please contact lianne.goddard@universitydesignforum.org