

Conference Programme

09:00-09:30 Registration & Arrival Refreshments

Plenary	Room: Lecture Theatre 4 - Chair: Dr Andrew Knight
Time	Keynote Speakers
09:30-10:50	<p>Opening Remarks Andrew Knight, ADBE Executive Dean - 10 min</p> <p>Physics-first AI For Infrastructure Assessment: Encoding Physics through Synthetic Data Generation Brian Sheil (University of Cambridge) - 30 min</p> <p>Responsible Use of Artificial Intelligence in Surveying Practice - a New RICS Professional Standard (RICS) - 30 min</p> <p>Q&A</p>

10:50-11:15 Morning Break - Room: Kilpin

Parallel Panels	Panel A1: AI & Industry	Panel B1: AI in Learning & Teaching	Panel C1: AI Research
Time	Room: Adams - Chair: Prof. S. Wu	Room: Bowden - Chair: Prof. R. Bull	Room: Hooley - Chair: Prof. P. Tzortzopoulos
11:15-12:30	<p>Arc Partnership Approach to GenAI Chris Clarke (Arc Partnership) - 30 min</p> <p>Generative AI in Construction: Perspectives from Early Adopter Construction Professionals James Turner, (Laing O'Rourke - Explore Manufacturing) - 15 min</p> <p>Key Capabilities of Copilot and Potential of Agentic AI Ryan Payton (Microsoft) - 15 min</p> <p>The AI Agents: How I Use Digital Consultants As Part of My Team Jess Smith (Morgan Sindall Construction) - 15 min</p>	<p>If Students Have ChatGPT Why Do They Need Us? Why Educators Remain Irreplaceable In AI Enhanced Learning Lucy Caton (The University of Greater Manchester), Kat Cridland - 30 min</p> <p>From Consumers to Critics: Using a Level 1 History Module to Cultivate Critical AI Literacy Lorna Waddington (University of Leeds) - 15 min</p> <p>A Practical Strategy For Critical AI Pedagogy Tadhg Blommerde (Northumbria University) - 30 min</p>	<p>Keynote: From Image to Idea – Generative AI In Educational Architectural Design Thinking Angelica Ponzio (Federal University of Rio Grande do Sul - Brazil) - 30 min</p> <p>Beyond Manual Labour: Opportunities and Challenges of Adopting Agentic AI In Facility Management Temidayo Osunsanmi (Edinburgh Napier University), Lina Khaddour - 15 min</p> <p>GenAI Enhanced Productivity for Construction Cost and Eco-driven Procurement Temitope Omotayo (Leeds Beckett University), Abisola Muftau - 30 min</p>

12:30-13:30 Lunch Break - Room: Kilpin

Parallel Panels	Panel A2: AI & Industry	Panel B2: AI in Learning & Teaching	Panel B3: AI in Learning & Teaching
Time	Room: Adams - Chair: Dr A. Sagoo	Room: Bowden - Chair: Dr E. Manu	Room: Hooley - Chair: Dr B. Kaveh
13:30-15:00	<p>Building Agentic Gen-AI Systems that Think Like Construction Professionals Rithwik Shetty (Gleeds LLP) - 15 min</p> <p>Industry Roundtable Andrew Knight (NTU), Chris Clarke (Arc Partnership), Stephen Pearman (Morgan Sindall), Harj Bains (Laing O'Rourke), Sonja Greenhow (Focus Consultants), Dr Amrit Sagoo (NTU) - 50 min</p> <p>Successful KTP Song Wu (NTU) - 15 min</p> <p>Funding for Research Collaborations between Industry and Academia Steven Corbett (NTU), Ioannis Vermpis (NTU), Sarah Malone (NTU) - 10 min</p>	<p>Maintaining Academic Integrity: AI Enhanced (Re) Assessment Design Clare Mahon (Ulster University), Lesley Hemphill, Lay Cheng Lim - 15 min</p> <p>Beyond the Myth of Future-proofing: Engaging Students for Uncertain Futures Alejandro (Ale) Armellini (University of Portsmouth) - 30 min</p> <p>Creative Pedagogies With Generative AI: Music Videos for Financial Literacy and Student Empowerment Ofelia Palermo (NTU), Michael McCann, Paul Wreaves - 15 min</p> <p>Designing AI Use into an Assessment Ellie Kennedy (University of Nottingham), Rob Shipman - 30 min</p>	<p>Industry Mentorship in AI-focused Final-year Projects: Reducing Uncritical Use of Generative AI Through Authentic Learning Saeed Talebi (Birmingham City University) - 15 min</p> <p>"Where It All Fits": Introducing Six Core Competencies of Generative AI within Creative Workflows Ian Campbell Cole (NTU) - 30 min</p> <p>Utilising Simulation-based Serious Games To Teach Sustainability Strategies In Construction Projects: A Conceptual Design Carlos Osorio-sandoval (University of Nottingham), Mohammed Abdelmegid (University of Leeds), Serik Tokbolat (University of Nottingham), Ehsan Asnaashari (NTU) - 15 min</p> <p>A Gen-AI Framework for Built Environment And Civil Engineering Education Hamid Isfahany (TEDI-London), Armin Razavi (XANDWHY TECH) - 30 min</p>

Parallel Panels	Panel A3: AI & Industry	Panel B4: AI in Learning & Teaching	Panel C2: AI in Learning & Teaching
Time	Room: Adams - Chair: Dr A. Rostami / Prof. S. Razavi	Room: Bowden - Chair: Dr M. Sakikhales	Room: Hooley - Dr H. Kazemi / Dr A. A. Tabassi
15:15-16:30	<p>Beyond Templates: Creating Reliable, Project-Specific Risk Registers with Gen-AI Ehsan Asnaashari (NTU), Andrew Knight (NTU), Amrit Sagoo (NTU) - 30 min</p> <p>A Dynamic Framework for Gen-AI Collaboration In the Built Environment Armin Razavi (XANDWHY TECH), Hamid Isfahany (TEDI-London) - 30 min</p> <p>Local LLM-powered Building Performance Evaluation Hu Du (Liverpool John Moores University) - 15 min</p>	<p>Reassessing Dissertation Models In Built Environment Pedagogy In The Era of Generative AI Adejimi Adebayo (Leeds Beckett University) - 25 min</p> <p>Building Institutional Gen-AI Literacy: Lessons Learned for Engaging Stakeholders Alastair Town (NTU), Adam Shaw (NTU) - 25 min</p> <p>Developing AI Agents as a Platform for Active Learning Raul Ochoa Cabrero (Manchester Metropolitan University) - 25 min</p>	<p>Generative AI & Agents for Researchers: Microsoft 365 Copilot Ryan Payton (Microsoft) - 30 min</p> <p>Evaluating the Impact of Gen-AI on Improving Communications in Construction Projects Atieh Dini (NTU), Ehsan Asnaashari - 10 min</p> <p>A Framework for Generative AI Implementation within UK Project Management Construction Consultancies, to Reduce Change Resistance and Improve Output Joseph Collier (Gleeds LLP) - 10 min</p> <p>From Text-to-mesh: Assessing Generative AI 3D Models Feeding Twinmotion Priscilla Angelique-page (NTU) - 10 min</p> <p>Proposing an Explainable Generative AI Model to Predict Fall Risks from Height Under Adverse Weather Conditions In Construction Projects Amin Karamy Moghadam (London Metropolitan University), Hamid Zolghadrzadeh Jahromi, Mohammed Alaqad, Sean Flynn - 10 min</p>

Closing Session	Room: Lecture Theatre 4 - Chair: Dr Andrew Knight
Time	Speakers
16:45-17:00	<p>Interactive Reflection: What We Learned and Where We Go Next Ehsan Asnaashari (NTU) - 10 min</p> <p>Closing Remarks and The Way Forward Andrew Knight, ADBE Executive Dean - 5 min</p>