

UK Lean Construction Forum 2026

Lean Construction for Industrial Transformation

Date: Friday 30 October 2026 | **Time:** 10:00 - 17:00 | **Format:** In person

Venue: Adams Room, Newton Building, NTU City Campus, Nottingham

Hosted by **Nottingham Trent University** in collaboration with **Birmingham City University** and **CIB Task Group 128 on Lean Construction**.

About the Forum

The UK construction sector must deliver major infrastructure, housing, digital transformation and the transition to net zero while improving productivity, resilience and value. Lean Construction offers a practical route to better flow, collaboration, learning and reliable delivery.

This Forum brings together clients, contractors, consultants, programme leaders and researchers to examine what makes Lean implementation succeed at project, programme and organisational levels. It is a working forum: evidence-led contributions are combined with practical activities, facilitated discussion, roadmap development and agreement on practical next steps.

What the Day Will Achieve

- Share practical evidence from major projects and organisational Lean programmes.
- Test ideas through practical exercises, panels and facilitated whole-room discussions.
- Identify priorities for the CIB TG128 Lean Construction Research Roadmap.
- Agree priorities and next steps for the UK Lean Construction Research and Industry Network.
- Create protected time for clients, industry and researchers to form follow-up connections.

Programme

The day moves from research and implementation evidence to practical learning, collective action, further practitioner cases and final commitments.

Time	Session	Contributors
10:00 - 10:30	Registration and Networking	
10:30 - 10:40	Welcome and Forum Framing	Patricia Tzortzopoulos — Nottingham Trent University (NTU)
RESEARCH AND IMPLEMENTATION <i>Evidence, Practice and CIB TG128</i>		
10:40 - 10:55	Data-centric workflow variability and waste detection	Danny Murguia — University of Cambridge
10:55 - 11:05	Rehearse, Ask, Verify: Digital Twins, VR and Generative AI as Enablers of Lean Construction	Reza Khosravi, Ehsan Asnaashari, Emmanuel Manu — NTU
11:05 - 11:30	Integrated delivery and Lean implementation	Barbara Pado — Arcadis Liam Quirk — National Grid
11:30 - 11:50	Connecting quality to programme	Warren Hodgett and Tom Farley — Galliford Try



Time	Session	Contributors
11:50 - 12:20	Industry-research collaboration: How can we work together?	Fiona Conor, Trust Electric Heating Discussion facilitated by Patricia Tzortzopoulos (NTU) and Rakesh Mishra (University of Huddersfield) Short presentation followed by perspectives from panellists: Liam Quirk (client) Warren Hodgett, (industry) Barbara Pedo, (design consultancy) Emmanuel Manu (academic)
12:20 - 12:40	Building the UK Lean Construction Research Roadmap — What should we work together on?	Facilitated by Saeed Talebi — Birmingham City University Whole-room prioritisation exercise for the CIB TG128 Research Roadmap.
12:40 - 13:20	Lunch and Networking	
ENABLERS <i>Practical Learning, Commercial and Production Systems</i>		
13:20 - 14:20	Joint practical Lean activity	Bernardo Etges — Climb Consulting Paul Ebbs — Lean Construct Ltd. A jointly delivered hands-on activity covering: Line of balance, takt planning, make-ready planning and reliable commitments.
14:20 - 14:30	Lean Construction implementation agenda	Algan Tezel — Anglia Ruskin University
14:30 - 14:50	Replacing fragmented collaboration with shared commercial clarity	Richard Williams — KOSMOS
14:50 - 15:10	Coffee and Networking	
UK NETWORK <i>Priorities and Collective Action</i>		
15:10 - 15:40	UK Network priorities and collective action	Facilitated by Emmanuel Manu — NTU Whole-room discussion to agree priority activities, immediate follow-up steps, and opportunities for participants to contribute before the next Forum.
FINAL PERSPECTIVES <i>Practice, Research and Discussion</i>		
15:40 - 16:00	Proximity-informed production control	Kevin McHugh — McHugh Lean Construction Ltd
16:00 - 16:20	Programme-scale Lean transformation and production systems	Bruno Mota — Sippro
16:20 - 16:30	The future of Lean Construction	Christopher Gorsch — Aarhus University
16:30 - 16:55	Cross-perspective panel: From evidence to implementation	Panel members: Liam Quirk (client) Richard Williams and Tom Farley (industry) Kevin McHugh (consultant) Bruno Mota (Consultant) Samira Awwal — Liverpool John Moores University (academic) Audience discussion and final reflections.
16:55 - 17:00	Commitments, next steps and close	

Speakers and Contributors

Short biographies will be added once confirmed by each contributor. The speakers presenting at this Forum are:

Samira Awwal — Liverpool John Moores University
Fiona Conor — Trust Electric Heating
Paul Ebbs — Lean Construct Ltd.
Bernardo Etges — Climb Consulting
Tom Farley — Galliford Try
Christopher Gorsch — Aarhus University
Warren Hodgett — Galliford Try
Reza Khosravi, Ehsan Asnaashari, Emmanuel Manu — Nottingham Trent University
Kevin McHugh — McHugh Lean Construction Ltd
Rakesh Mishra — University of Huddersfield
Bruno Mota — Assystem
Danny Murguia — University of Cambridge
Barbara Pedo — Arcadis
Liam Quirk — National Grid
Saeed Talebi — Birmingham City University
Algan Tezel — Anglia Ruskin University
Patricia Tzortzopoulos — Nottingham Trent University
Richard Williams — KOSMOS

Speaker's short bios:

Tom Farley – Project Director, Galliford Try

Tom leads major infrastructure projects and is currently Project Director for the A47 Blofield to North Burlingham dual carriageway scheme, delivered in collaboration with National Highways. Starting his career as a Chain Person, Tom progressed through the industry while studying part-time to achieve a Higher National Diploma (HND) in Civil Engineering. Throughout his career, he recognised that many large infrastructure projects lacked the right blend of technical, commercial and leadership expertise. This observation motivated him to further develop his skills by completing both an MBA and a Diploma in Management Consultancy. With extensive experience delivering complex civil engineering and infrastructure projects, Thomas is passionate about achieving high-quality outcomes while embedding lean principles to maximise efficiency, value and performance. His leadership approach focuses on collaboration, continuous improvement and creating high-performing teams that consistently deliver for clients and stakeholders. Outside of work, Thomas enjoys running, particularly in warm climates, maintaining his fitness in the gym, and coaching his daughter's Under-7 football team.

Warren Hodgett – Head of Performance, Galliford Try

Warren is Head of Performance for Galliford Try Infrastructure, working within Central Support Services, supporting a number of projects across a number of sectors. With 7 years' experience in the industry, he continues to see every day as a learning day. With a degree in Applied Biology, Warren found statistical analysis a useful skill as a newly qualified Six Sigma Black Belt early on his career. Improving processes felt natural, enjoyable, and meaningful, eventually becoming a career path spanning 20 years. Having qualified as a Lean Consultant through Cardiff University as well a Lean Master Practitioner with the BQF, he believed deeply in the principles that made Toyota so successful and the importance of improving things for people. His experience in Continuous Improvement and Operational Excellence spans a diverse range of sectors including Utilities, Pensions, Finance, Telecoms and Automotive. His time with Galliford Try and within the construction industry in general has been one of the most challenging and rewarding to-date. Warren is genuinely passionate

about improvement, empowering those closest to the value and leaving a legacy. Outside of work, Warren is a keen swimmer, enjoys open water events, watching his daughter swim and his son play football.

Bruno Mota – Sippro

Bruno Mota has extensive experience leading Lean transformation, programme management and digital delivery across major infrastructure and construction programmes. His work focuses on applying Lean principles at scale, integrating people, processes, production systems and digital information to improve collaboration, predictability and value delivery. Bruno was named Global Project Controls Professional of the Year 2024 at the Project Controls Expo Awards.

Danny Murguia — University of Cambridge

Assistant Research Professor at the Cambridge Laing O'Rourke Centre, specialising in construction productivity, digital construction, and data-driven construction engineering. He works closely with leading clients, contractors, and technology partners to test new methods on major live construction projects and translate complex project data into actionable insights. His current research integrates construction engineering and management with digital technologies, data analytics, machine learning, and AI to advance productivity measurement and performance improvement.

Patricia Tzortzopoulos — Nottingham Trent University

Patricia is Professor of Architecture at NTU, where she leads the BE:SMART (Smart Built Environment) research group. With over 25 years of experience in design management, Lean Construction and value generation, her work spans healthcare, social housing, net-zero construction and digital technologies. She is Chair of the Global Leadership Forum for Construction Engineering and Management (GLF-CEM), served as Vice President of the International Council for Research and Innovation in Building and Construction (CIB) from 2022 to 2024 and is currently a CIB Board member. She is co-editor of *Lean Construction: Core Concepts and New Frontiers* (Routledge, 2020) and a long-standing member of the International Group for Lean Construction (since 1998).

Richard Williams, UK & IRE Business Development Director, KOSMOS

Richard has a background in engineering, lean manufacturing and the delivery of complex construction projects in the process industry. With KOSMOS, Richard is part of a team working to revolutionise the way that construction projects are delivered, through more open, robust and innovative commercial management. KOSMOS help their clients to make better decisions faster, by transforming the way in which cost, carbon and digital decisions are made on projects.

Venue and Access

Adams Room, Newton Building NTU City Campus Shakespeare Street Nottingham, NG1 4FQ	Getting there By train: Nottingham Railway Station (15-min walk or tram to campus). By tram: NET stops at Royal Centre, adjacent to campus. By road: <i>[Parking details to be added]</i>
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Contact and Further Information

For any queries, please contact **Patricia Tzortzopoulos**: patricia.tzortzopoulos@ntu.ac.uk

Register: <https://www.eventbrite.co.uk/e/uk-lean-construction-industry-research-forum-2026-tickets-2001875632907>