

Perspectives on the Societal Impact of Digital Twins Conference

29-31 March 2026, Cambridge

WELCOME

We are delighted to welcome you to the first edition of this conference, held at Anglia Ruskin University, Cambridge, UK. Together we will explore how digital twin technologies shape society both positively and negatively, and discuss how we can amplify the benefits of digital twins while recognising and mitigating potential harms.

PRACTICALITIES

WHAT'S ON, WHERE AND WHEN?

WELCOME DRINKS – Sunday 29th March 2026, 6pm-8pm:

This informal event will be held at Sidney Sussex College, Sidney Street, Cambridge CB2 3HU (What3Words: [juror.flank.fired](#))

CONFERENCE – Monday 30 – Tues 31 March 2026:

The conference will be held in the Lord Ashcroft Building, Anglia Ruskin University, CB1 1PT – entrance on Broad Street (What3Words: [equal.email.owls](#)).

We will be using rooms LAB107 and LAB 109

Campus map: <https://www.aru.ac.uk/-/media/Files/student-life/life-on-campus/cambridge-campus-and-city-map.pdf>

See the next page for details of the agenda.

CONFERENCE DINNER – Monday 30 March 2026, 7:30pm:

This will be held in the beautiful historic Magdalene College, Magdalene Street, Cambridge CB3 0AG (What3Words: [occupy.ranked.loser](#))

ACCOMMODATION

We recommend booking accommodation as soon as possible. Suggested options include:

[ARU Short-Term Accommodation](#)

[The Regent](#)

[Hyatt Centric Cambridge](#)

[Cambridge bed and breakfasts, hotels, hostels and apartments](#)

Note: the most up-to-date information for the conference is available [here](#)

CONFERENCE AGENDA**Monday 30 March 2026****Registration and coffee: 09:00-09:30***(poster presenters – please put your posters up in room LAB107 after you have registered)***Morning: 09:30-13:15 (LAB 109)**09:30 **Welcome:** Jennifer Schooling09:40 **Keynote: Prof Michael Batty**10:30 **Session A: Governance, Ethics and Power I** Chair: Carolina Fuentes Toro

- Digital Twins and the Politics of Resilience (Ochieng et al.)
- Data Coloniality and Governance Bias (Famanas)
- Reflexive Governance of Agentic Digital Twins (Burger)

11:30 Coffee (LAB107)11:45 **Session B: Governance, Ethics and Power II** Chair: Carolina Fuentes Toro

- Twinning Between Displacement and Empowerment (Korenhof et al.)
- From Data to Dignity (Ahmadi Dehrashid)
- Local Digital Twins & Urban Governance (Tamor & Effenberger)
- Ethical and Explainable Flood Governance (Starovoit et al.)

13:15 Lunch (LAB107)**Afternoon: 14:00-17:20 (LAB109)**14:00 **Session C: Health, Education & Institutional Digital Twins** Chair: Jennifer Schooling

- Digital Twins in Healthcare: Systematic Review (Monshizadeh et al.)
- Structural Health Monitoring & Crack Detection (Mohamed et al.)
- Heritage Asset to Living Lab (Zhong)
- Net Zero SMART Campuses (Saadoon)
- Fleet-Driven Digital Twins for Bridge Asset Assessment and Maintenance (Feng)

15:40 Poster Session and tea break (LAB107)16:20 **Panel discussion 1: Multi-disciplinary perspectives on societal impacts of digital****twins:** Panellists: Steven Niederer (King's College London), Mehdi El Krari (British Antarctic Survey), Vijay Kumar (Cardiff University), Katharine Willis (University of Plymouth)

Chair: Negar Ahmadpoor

17:30 **Early Career Researcher Networking Activity (LAB107)** Chair: Matt Bonney**18:30 End of Day 1****Evening:****Conference Dinner: 19.30, Magdalene College**

Tuesday 31 March 2026

Coffee available from 08.30 (LAB107)

Morning: 09:30-12:40 (LAB 109)

09:00 Keynote: Prof Ana Basiri

09:50 Session D: Cybersecurity, Trust & System Resilience Chair: Carol Lo

- Slice-Aware Intrusion Detection in 5G (Adepoju)
- Dependable and Trustworthy DTs (Lam et al.)
- Cybersecurity Risks in Federated DT Ecosystems (Evripidou et al.)
- Securing the Mirror (Pranggono)

10:50 Coffee (LAB107)

11:20 Session E: Urban & Smart City Systems Chair: Carol Lo

- Smart Dublin Adoption (Dhingra et al.)
- GIS-Enabled Kerbside Management (Sur et al.)
- Sustainable Value in Urban DT Ecosystems (Bobyleva)
- AI-Driven Environmental Proofing (Murulitharan)
- Enterprise Digital Twins in Contractor Firms (Badamasi et al.)

Lunch: 12:40-13:30 (LAB107)

Afternoon: 13:30 – 16:30 (LAB 109)

13.30 Session F: Environment, Climate & Energy Systems Chair: Yang Lu

- Digital Shadows & HILP Events (McMillan)
- Environmental Assessment of Offshore Windfarms (Seydi)
- Earth System Process DTs (Maun)
- Outdoor Thermal Comfort in Urban Landscapes (Hasan et al.)

14.50 Tea break (LAB107)

15.00 Panel discussion 2: From Research to Reality – delivering socially responsible real world digital twin projects.

Panellists: Mark Enzer (Mott MacDonald), Nick Parlantzas (MHCLG); Gabriela Chamberlain (AtkinsRealis), David McEneaney (Southern HSCT)

Chair: Viviana Bastidas Melo

15.45 Awards

16.00 Conference Ends