

International Conference on Smart Infrastructure and Construction (ICSIC)

8 – 10 JULY 2019, CHURCHILL COLLEGE, CAMBRIDGE

Call for papers

The 2019 International Conference on Smart Infrastructure and Construction (ICSIC) will bring together world-leading academics and practitioners from the fields of infrastructure planning, asset management and sensing. The unique combination of fields and disciplines focusing on the power of smarter information will provide opportunities to challenge persistent barriers and develop novel, proactive solutions.

CONFERENCE TOPICS

Papers are encouraged from both research and practice across the broad scope of “Smart Infrastructure and Construction”, including, but not limited to, the following themes:

- Adaptive structure design and construction
- Additive manufacturing in construction
- Asset management and operation
- Automated construction systems
- Citizens as sensors
- City-scale infrastructure planning and operations
- City-scale simulations
- Data analytics
- Deterioration monitoring and modelling
- Digital engineering and BIM
- Infrastructure resilience
- Offsite manufacture and innovative manufacturing methods
- Performance based design and maintenance
- Sensing solutions for infrastructure monitoring
- Smart cities
- Smart construction technology
- Structural health monitoring
- Value of sensing
- Whole life value

PAPER SUBMISSION

Prospective authors are invited to submit abstracts of up to 500 words for review by **15 September 2018**. Abstracts accepted for the conference will be asked to submit a full paper for review. All papers must be approved for public release prior to submission. Paper templates and submission instructions will be available at the conference website **www.icsic2019.eng.cam.ac.uk**. A special issue of the ICE Journal “Smart Infrastructure and Construction” will be based on conference papers.

KEY DATES

15 September 2018 - abstract deadline

15 October 2018 - authors notified

15 January 2019 - full paper deadline

Mid-March 2019 - authors notified

Mid-April 2019 - final deadline for papers and author registration

www.icsic2019.eng.cam.ac.uk

COMMITTEE

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Conference location

The conference will be held at Churchill College, University of Cambridge

Further information

IfM ECS

Tel: +44(0)1223 766141

Email: ifm-events@eng.cam.ac.uk