

# CALL FOR PAPERS

## 2021 ASCE International Conference on Computing in Civil Engineering (i3CE 2021)

12-14 September 2021

Orlando, Florida USA

### Call for Papers

The University of Florida will be hosting the 2021 ASCE International Conference on Computing in Civil Engineering (i3CE2021). The theme of this conference is **IT for Smart Infrastructure and Communities**.

### Topics

#### Technical Areas

- Visualization (nD, VR, AR)
- Information modeling and Digital Twin Technology (BIM, BrIM, CIM, GIS)
- Simulation and process modeling
- Reality capture technologies (LIDAR, RGB-D, vision)
- Human-technology frontier, data modeling, and computing
- Big data, sensing, and machine learning
- Robotics, automation, and control
- Ontologies and semantic approaches

#### Application Contexts

- Built environment monitoring, control, and analysis
- Smart and connected health and communities
- Resilient and sustainable urban and energy systems
- Information and communication technologies (IoT, crowdsourcing, social networks)
- Project design, construction, planning, and management
- Asset and facility management, operation, and maintenance
- Technology-enriched engineering pedagogy

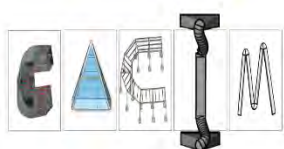
Scientific contributions are invited in all emerging areas of computing in the AECO industry, including posters, demonstrations, and industry case studies. All submissions will be reviewed for content and technical merit and organized based on their technical area and/or application context. Best practices and applications focusing on IT for Smart Infrastructure and Communities from non-AECO industries are also invited. Outstanding peer-reviewed research papers will be selected and nominated to a special collection of ASCE Journal of Computing in Civil Engineering.

### Important Dates:

- Abstracts Submission: **29 January 2021**
- Abstract Acceptance: **15 February 2021**
- Full Technical Papers Submission: **12 April 2021**
- Full Technical Papers Acceptance: **14 June 2021**
- Final Paper and Copyright Form Submission: **14 July 2021**
- Early Registration Ends: **9 August 2021**
- Last Day for Registration to include papers in proceedings: **16 August 2021**
- Last Day to Submit Presentations: **30 August 2021**
- Conference: **12-14 September 2021**



Center for Advanced Construction  
Information Modeling



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Visit us at:

<https://dcp.ufl.edu/cacim/i3ce2021>

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