The 1st ACM International Workshop on The Future of Work, Workplaces, and Smart Buildings (FoWSB)

Co-located with ACM BuildSys 2022

November 9-10, 2022, Boston, MA, USA

Call for Papers

Let's crack the future of work together!

The objective of the first ACM International Workshop on the Future of Work, Workplaces, and Smart Buildings (FoWSB) is to bring together researchers and industry practitioners from data science, system sciences, building and urban sciences to discuss the role of smart buildings, communities and cities in shaping the future of work and workplaces.

With this workshop we aim to create new collaborations between the participants and together define new value propositions, opportunities, workplace transformations and the role of smart buildings in this shift towards the future of work and workplaces.

Submission Topics

This workshop welcome papers that strive to provide insights into some or all of the following topics through methods/approaches that are deeply rooted in systems (e.g., interconnected components such as people, devices, networks) and data science (e.g., datasets, AI/ML techniques, data purity). We invite submissions including, but not limited to the following topics:

- Innovative applications and use-cases of smart technologies in the built-environment during COVID
- Case studies on open challenges, barriers, early movers, and accelerators in smart buildings
- Lessons learned from innovative implementations of smart systems/solutions (during COVID)
- Status of digitization of building stocks
- Role of data science orchestrating the connection between digitalization and decarbonization of buildings in cities (for strategic foresights)
- Assessing the global readiness and maturity of smart buildings, solutions and markets
- The future of 'smart' (in the context of the built-environment), beyond energy efficiency and sustainability
- The future of 'smart' beyond buildings and into communities and neighborhoods
- Hybrid workplaces - the future of living and co-working
- The emerging role of certification and regulations to mature the smart buildings marketplace

Submission guidelines

Submitted papers must be unpublished and must not be currently under review for any other publication. Two types of submissions are possible:

- Technical papers, between 6-8 pages (everything except references) reporting on research findings employing advance data-driven methods addressing one or more themes/sub-themes of the workshop.

- Notes papers, maximum 4 pages (everything including references) that serve, in part, to encourage younger researchers entering this new field of research to share their work and industry participants who may not be able to devote resources towards a technical paper.

Both types of submissions shall be reviewed based on the novelty of their ideas, potential for impact, and quality of presentation.

All submissions must be written in clear English (UK or US-style) and use the LaTeX (preferred) or Word styles found here: https://www.acm.org/publications/proceedings-template.

Authors must make a good faith effort to anonymize their submissions by (1) using the "anonymous" option for the class and (2) using "anonsuppress" section where appropriate.

Papers should be single-spaced US Letter (8.5"x11") pages, including figures, tables, and appendices (excluding references). Papers that do not meet the size, formatting, and anonymization requirements will not be reviewed, otherwise will go through a single blind-review process. Please note that ACM uses 9-pt fonts in all conference proceedings, and the style (both LaTeX and Word).

How to Submit

Please submit your papers via the following link: https://learnadaptbuild.com/paper-submission

Important Dates

Submission Deadline: September 4, 2022

Notifications: September 25, 2022

Camera-ready: October 2, 2022

Workshop: November 9-10, 2022

Questions? Feel free to contact the workshop Chair, Elizabeth Nelson
elizabeth@learnadaptbuild.com