9th IEEE International Conference on Smart Computing (SMARTCOMP 2023)
Nashville, Tennessee, USA
June 26-30th

www.smart-comp.info/cfp

SMARTCOMP 2023 is the 9th edition of the premier conference on smart computing. Smart computing is a multidisciplinary domain based on the synergistic influence of advances in sensor-based technologies, Internet of Things, cyber-physical systems, edge computing, big data analytics, machine learning, cognitive computing, ambient intelligence, and artificial intelligence. Applications of smart computing can be found in various societal domains, including transportation, energy, environmental protection, smart and connected communities, healthcare, industrial systems, and entertainment. Algorithmic and systems advancements of cloud computing, mobile and pervasive computing, sensor networking, and social computing are taking smart computing to a new level while improving our ways of living.

Main Research Track

SMARTCOMP 2023 solicits submissions that address the fundamental questions of smart computing, namely, how to design and build scalable and reliable smart computing systems, and how to use computing technology for resource sustainability to improve the human experience. Topics of interest include—but are not limited to—the following:

• Emerging Smart Computing Paradigms
• Evaluation Studies and Datasets of Smart Environments
• Algorithms for Smart Computing
• AI and Machine Learning in Smart Computing
• Security, Privacy, and Trust in Smart Computing
• Smart and Usable Security and Privacy
• Fairness and Socio-technical Aspects of Smart Computing
• Middleware for Smart Systems
• Mobile and Ubiquitous Smart Systems, Wearable Computing and IoT
• Cloud, Edge, and Fog based Smart Computing Platforms
• Data Architectures and Analytics for Smart Computing
• Computing for Smart and Connected Communities
• Distributed Sensing and Computation
• Social Computing and Smart Systems
• Novel Communication Paradigms (e.g., 5G/6G, VLC, DSA) in Smart Computing
• Quantum Computing in Smart Systems
• Interdisciplinary Approaches to Smart Computing
• Applications of Smart Computing

Paper Submission Guidelines: Paper submissions must be no longer than 8 pages (the page count limit includes the references list) and formatted according to the two-column IEEE proceedings template. All submitted papers that conform to these guidelines will be subject to peer reviews by Technical Program Committee members and other experts in the field. All presented papers will be published in the conference proceedings and submitted to the IEEE Xplore Digital Library.

SUBMISSION URL:
https://edas.info/newPaper.php?c=30194

Journal Fast Track: Extended versions of selected high-quality papers accepted by IEEE SMARTCOMP 2023 will be considered for publication in Elsevier's *Pervasive and Mobile Computing* journal (IF: 3.453).

Industry track papers should be in the following format - INDUSTRY: Title of Paper and should be submitted in the industry track section.

• Research track papers should be in the format - RESEARCH: Title of Paper .
• Also, two additional pages for camera ready version can be purchased after the paper review and selection.

Important Dates
Paper Submission: ~~March 2, 2023~~
Mar 16 – final ext
Acceptance Notification: ~~April 4, 2023~~
Apr. 18 – final ext
Camera-ready Submission: May 10, 2023
Conference: June 26-30, 2023
All deadlines are Anywhere on Earth.

Industry Track

In addition to the main research track, the conference invites innovative applications and advances in the industrial use of the smart computing technology. The industry track will provide a forum to discuss novel ideas and emerging results, presenting innovative applications and tools, and bring about novel research questions, approaches, and directions, with an industry focus. The conference   industry track draws upon many industrial applications such as transportation, energy, environmental protection, resource management, healthcare, security, banking, entertainment, and social media. An important criterion for papers to be submitted to the Industry Track is clear industrial association, either in the form of extensive evaluation of research results in industrial use cases or active participation of industry representatives as co-authors. Accepted papers will be published as part of a separate section of the main conference proceedings that highlights the Industry relevance of the submission.

Potential contributors are encouraged to look at the other calls associated with the main conference. This includes various workshops, phd forum, work in progress, demonstrations and posters.

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Industry Track Topics include, but are not limited to, the following:

1. Smart Cyber-Physical Environments and Energy / Water / Agriculture / Transportation / Healthcare / Banking Infrastructure / ...
2. Security, Privacy, and Economics in Smart Environments
3. Smart and Connected Communities across Cities
4. Smart Computing Technologies
5. Future Smart Computing Paradigms
6. Smart Human-centric Environments, Health, Entertainment, and Social Activities
7. Artificial Intelligence and Machine Learning for Smart Computing

Industry-track submission guidelines

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