IEEE Software Technology Conference (STC) Call for Participation

The IEEE Software Technology Conference (STC) is the ideal conference for software engineering practitioners and researchers. This conference, with a long and distinguished history, regularly draws from industry, government, and academia. STC provides a vital forum for authors, presenters, and participants to hear from leading researchers and practitioners in the ever-expanding software world. The conference exists to illuminate the future of software and to share opportunities, challenges, and successes. As always academic and industry leaders will deliver stimulating keynote presentations. This year's conference will feature both presentations and full papers (optional). The proceedings and selected presentations will be published by IEEE and made available through the Xplore digital library.

You may find additional information at http://ieee-stc.org.You may elect to submit either a full paper, an abstract for presentation, or a tutorial proposal. All submissions will be peer-reviewed. Accepted full papers will be published in the IEEE Xplore Digital Library.

Conference topics dealing with software technology, include but are not limited to:

1. Coding for:
   a. Quantum Computing
   b. Low Code/No Code platform
   c. Metaverse - Entertainment or Industrial
   c. Blockchain – NFT, contracts, medicine, GPU, or Consensus
   e. Green Computing and carbon reduction via software
   f. IoT, cloud or edge computing
   g. Machine Learning (ML) – Training, Algorithms, Combinatorics
   h. Artificial Intelligence (AI), Generative or Otherwise
   h. Digital Twins
   i. NoSql tools and techniques
   j. Cybersecurity
   k. Big data Analytics

2. AI applications and society
   a. Explainable AI
   b. AI Ethics

3. The Graph Invasion
   a. Algorithms
   b. Graph Data Bases
   c. Knowledge Bases
   d. ML
   e. Netcentric apps

4. Trends in App Development Methodology
   a. Scrum

b. Agile
   c. Verification and Validation (Testing)

5. Computer Science Education related to coding
   d. Necessary reforms
   e. Teaching discipline Specific applications
   f. Teaching cross-Disciplinary applications
   g. Impact of technology on teaching coding, ChatGPT/GPT4, Low Code/No Code
   h. Learning Management Systems

6. Autonomy/Robotics

   a. Cyberbiological
   b. Cyberphysical
   c. Sensor Fusion

7. Software for Architectures
   a. Ontology
   b. Entity Relationship Diagram
   c. Data Mapping

The IEEE STC 2023 schedule appears below:

Fri, July 15, 2023 (AoE) - Abstracts, papers, and tutorials submissions are due

Fri, Aug 12, 2023 - Acceptance notifications will be sent out

Fri, Sept 9, 2023 (AoE) - Camera-ready abstracts, full papers, presentations, and bios due

Mon 25 -Wed 27, Sep – Online STC Conference

Please submit abstracts and papers via:
https://easychair.org/my/conference?conf=ieeestc29