Track Title:
alIII2024-Call for Paper

Description:

CALL FOR PAPERS

The new industrial revolution is embarked on the implementation of AI and IoT concepts which solve many problems in various engineering domains. AlIII 2024 is hosted by the Centre for Research, Anna University to discuss these technologies and their impact on the engineering sectors such as infrastructure and industries. Potential authors from academia and industry are invited to submit papers discussing technical advancements in the infrastructure and industrial sectors using artificial intelligence and the Internet of Things. Submissions to AlIII 2024 should outline important, unique, and previously unreported findings related to any element of AI and IoT and their applications. Papers that straddle AI disciplinary boundaries and focus on unique AI & IoT research challenges and AI methodologies for novel application domains are encouraged for submission.

The topics of interest for this conference (but not limited to)

1. IoT Communication Architecture and Technologies
2. IoT Test Beds
3. IoT Analytics
4. Resilience in IoT
5. Vehicular Communication Networks Using IoT
6. IoT Infrastructure for Next-Generation
7. IoT for Industrial & Engineering Applications
8. Security and Privacy in IoT
9. IoT enhanced Augmented Reality & Virtual Reality
10. Blockchain Technologies for embedded IoT devices
11. Battery-less systems for IoT
12. Non-linear Systems and Control
13. Mobile & Wearable IoT Devices
14. Smart Healthcare Systems
15. Wireless Sensor Technologies
16. Wireless Mesh Networks
17. Artificial Intelligence and Edge Computing
18. Computer Vision
19. Cyber-Physical Systems
20. Machine Learning
21. Fuzzy and Neural Networks
22. Data Mining
23. Distributed Computing
24. Big Data
25. Game Playing and Problem Solving
26. Cognitive Informatics
27. Smart Grids
28. Embedded Systems and Applications
29. Intelligent Machines
30. Computational Mechanics
31. Energy Efficiency and Sustainability Aspects of IoT
32. Environmental Sensing using IoT
33. Disaster Management using IoT
34. Social and Ethical Aspects of IoT
35. IoT in waste management
36. Water Resources and Management
37. Smart Environments & Applications
38. Clean Technology
39. AI in Civil & Architecture
40. 3D Printing in Construction
41. Construction Safety
42. Fire Engineering
43. Smart Engineering Materials (Polymers and Plastics)
44. Renewable Energy Sources
45. Remote Sensing
46. Modern Construction Materials
47. Rehabilitation of Structures
48. Transportation Engineering
49. Geo-Environmental Engineering
50. Urban Planning
51. Municipal Engineering
52. Environment and Technology

The new industrial revolution is embarked on the implementation of AI and IoT concepts which solve a multitude of problems in a variety of engineering domains. AI II 2024 is hosted by the Centre for Research, Anna University to discuss these technologies and their
impact on the engineering sectors such as infrastructure and industries. Potential authors from academia and industry are invited to submit papers discussing technical advancements in the infrastructure and industrial sectors using artificial intelligence and the Internet of Things. Submissions to **AIII 2024** should outline important, unique, and previously unreported findings related to any element of AI and IoT. Papers that straddle AI disciplinary boundaries as well as those that focus on unique AI & IoT research challenges and AI methodologies for novel application domains are strongly encouraged for submission.

**SUBMISSION GUIDELINES**

**ABSTRACT**

The abstract (maximum of 300 words) must carry sufficient information for a fair assessment and should contain the following:

- Full title of the paper
- Name of the author(s), affiliations, full addresses with contact numbers and e-mail ids
- Keywords
- A brief summary of the research work

The abstract can be submitted online using the following link: [https://www.aucfrconference.com/aiiii2024/aiiii2024-call-for-paper](https://www.aucfrconference.com/aiiii2024/aiiii2024-call-for-paper) [1]

**Note:** Authors must use the online submission form to submit the abstract.

**FULL LENGTH PAPER**

After provisional acceptance of the abstract, the full paper will be peer-reviewed before final acceptance for oral and poster presentation. Each paper will be subjected to plagiarism check. The guidelines for preparing a camera-ready paper will be provided along with the provisional acceptance letter.

The Template for the full manuscript can be downloaded here: [Download Template]. [2]

**PUBLICATION**

All accepted manuscript will be published in the conference proceedings and selected papers will also be published in the journals of international repute after a peer review process. The
authors of the accepted papers for journal publication should pay the article processing fee as per the journal policy

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[**Important Notes:**]

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