

CALL FOR PAPERS

2024 International Conference on Artificial Intelligence Frontiers

Tiako Center, Oklahoma City, OK, USA & Online, April 1-4

Oklahoma International Publishing (OkIP) is pleased to host the 2024 International Conference on Artificial Intelligence Frontiers (CAIF). The conference aims to bring together scholars from different disciplinary backgrounds to emphasize dissemination of ongoing research and development in the field. Proposals are solicited describing original works in fields below and related technologies. CAIF will include a peer-reviewed program of technical, industrial and poster sessions. Accepted and presented full papers from the tracks below will be published by OkIP and submitted for indexation in major abstract and citation databases of peer-reviewed literature. Extended version of best papers will be considered for Journal publication.

Agent-based, Automated and Distributed Supports

- Multi-Agent Systems | Software Agents
- Decentralized/Distributed Intelligence
- Context-Aware Computing
- Group Decision Support Systems
- ...

Intelligent Systems & Applications

- Medical Nanorobotics | Sensory/Embedded Syst
- Digital Manufacturing | Computer-Vision Apps
- Soft/Ubiquitous/Pervasive Computing
- Pervasive/Wearable Computing
- ...

Knowledge-based and Control Supports

- Expert/Complex/Decision-Support Systems
- Intelligent Control/Supervision Systems
- ...

Automation, Robotics & Vehicles

- Unmanned/Autonomous Vehicles/Robots
- Human-Robot Interfaces/Intweractions
- Intelligent Telerobotics | Service Robots
- Robotic Manipulators/Arms/Applications
- ...

Technical Research & Industry Contribution

Full Paper: Accomplished research results (6 pages)

Short Paper: Work in progress/fresh developments (3 pages)

Poster/Journal First: Displayed/Oral presented (1 page)

Corporate Showcase & Exhibition

Booth: Display product and/or service offerings (1 page)

Oral: Present product and/or service offerings (1 page)

AI, ML and Applications

- General ML | Active/Supervised Learning
- Clustering/Unsupervised Learning
- Reinforcement Learning | Deep Learning(DL)
- Semi/Self Supervised Learning
- Time Series Analysis | Prediction/Forecasting
- ...

Natural Language Processing

- Conversational Agents | Dialogue System
- Large Language Models | Grammatical Tagging
- Natural Language Generation/Toolkit
- Linguistic Morphology | Morph. Analysis
- ...

Glogal AI

- Sustainable AI | AI for HealthCare
- AI Solutions to Global Problems
- Socially Intelligent Robots
- Machine Vision and Safety
- AI Technological Progress
- ...

Generative AI Tools and Models

- Generative AI Tools/Models/Applications
- Legal and technical challenges
- Empathy and Ethical Creativity
- Explainability/Robustness/Trustworthy AI
- AI-Powered Decision Making Tools
- ...

AI in Computing and Society

- AI/Cognition in Cloud Computing
- AI in Software Engineering
- AI in Data and Big Data
- Theories and Approaches of Blockchain
- ...

AI in Education

- AI-assisted Ed Methods/Tools/Technologies
- Interactive Pedagogical Technologies/Agents
- Collaborative/Community/Group Learning

AI Engineering

- Human-Centered AI
- Operational Environment/Condition/Situation
- Competency-aware Systems
- Deep Human Understanding
- ...

Software Engineering for AI

- Components/Data/Models Uncertainty Support
- Systems/Components Verification/Validation
- Systems/Components Robustness/Security
- Problem Requirement Elicitation

Circuit/Design/Hardware for AI

- Circuit and Design | Emerging Circuit Boards
- Hardware-Software Co-design
- Electronic Sys Design/Implementation/Demo
- Circuit/System Innovations/Theories/AI
- ...

Student Poster & Career Fair

Graduate & Doctoral: Peer-reviewed Poster (1 page)

Undergraduate/High School: Selected Poster (1 page)

Recruiter Booth: Product/Service & Job offerings (1 page)

Workshop, Tutorial, Forum & Panel

Workshop, Tutorial & Tour: Proposal (1 page)

Executive Forum, Panel & Talk: Proposal (1 page)

For more information, submission details and important dates visit or contact:

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