CALL FOR PAPERS
2024 International Conference on Automated and Intelligent Systems

Online & Tiako Center, Oklahoma City, OK, USA, October 1-3

Oklahoma International Publishing (OkIP) is pleased to host the 2024 International Conference on Automated and Intelligent Systems (CAIS). 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. CAIS 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 Structures/Networks
- Design/Automation Approaches
- Sensor Networks Architectures
- Complex Manufacturing Processes
- Analytical Models | Path Planning
- Multistage Assembly Line
- Automated Inspection

Intelligent Systems and Applications
- Medical Nanorobotics |
- Sensory/Embedded Systems
- Embedded Systems | Digital Manufacturing
- Optimization/Evolutionary Algorithms
- Bioinformatics/Biotechnology Applications
- Computer-Vision Applications
- Sensor-Networks Applications
- Intelligent Design | Fuzzy Systems
- Soft/Ubiquitous Computing
- Pervasive/Wearable Computing
- Intelligence Manufacturing | Microsatellite
- Cyber-physical Systems | Kinematics

Knowledge-based and Control Supports
- Expert/Complex Systems
- Decision-Support Systems
- Intelligent Control/Supervision Systems
- Knowledge Engineering
- Neural Networks | Structural Optimization
- Intelligent Teleoperation
- Intelligent Shopfloor
- Collision Avoidance | Fault Diagnosis
- Object Detection and Tracking | Path Planning
- Position/Quality/Motion Control
- Predictive Control
- Preventive Maintenance | Defect Detection

Robotics and Vehicles
- Unmanned Vehicles/Robots
- Autonomous Vehicles/Robots
- Human-Robot Interfaces
- Human-Robot Interactions
- Intelligent Telerobotics | Service Robots
- Robotic Manipulators/Arms
- Robotic Applications
- Self-Driving Vehicles | Cloud-based Driving
- Vehicular ad hoc Networks |Traffic Detection
- Vehicle-to-Vehicle Communication
- Vehicle Platooning | Steering Systems
- Vehicle dynamics | Traffic Computing

AI, Machine Learning (ML) and Applications
- General ML | Active/Supervised Learning
- Clustering/Unsupervised Learning
- Online Learning | Learning to rank
- Reinforcement Learning | Deep Learning(DL)
- Semi/Self Supervised Learning
- Time Series Analysis | Prediction/Forecasting
- DL Architectures/Generative-Models
- Deep Reinforcement Learning
- Computational Learning Theory
- Bandit/Game/Statistical-Learning Theory
- Optimization Methods and Techniques
- Convex/Non-Convex Optimization
- Matrix/Tensor Methods
- Stochastic/Online Optimizations
- Non-Smooth/Composite Optimization
- Probabilistic Inference | Graphical Models
- Bayesian/Monte-Carlo Methods
- Trustworthy Machine Learning
- ML Accountability/Causality
- ML Fairness/Privacy/Robustness
- Healthcare/DNA/Transportation
- Digital-Economy | Ecommerce Security
- Sustainability | Energy | Green Technology
- Language | Image |
- Recommendation Systems

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)

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:

EVENTUTOR.COM/E/CAIS004

Oklahoma International Publishing | info@okipublishing.com

Please visit okipublishing.com to browse co-located conferences and events