



Robotic Informatics and Intelligence control Technology

26-27 February 2024



Tel: +669 4529 9265

Call for Paper RIIT2024

The 10th International Conference on Robotic, Informatics, and Intelligence control Technology (RIIT2024) will be held in **Samyan Mitrtown, Pathumwan, Bangkok**, Thailand on February 26-27, 2024. The paper will be solicited in all related areas in Intelligence Automation Control, Robotics Control, Mechatronics, and their application, Computer Networks, Information Technologies, Modern Production, and Manufacturing System, Computer Control Systems, Simulation Modeling Systems (including Information management, Industrial Management, Information for manufacturing, Logistic and Supply chain. Proposals for tutorials and workshops, as well as organized/special sessions, are also welcome to address the emerging areas and innovative applications of new technologies.

Acceptance of the submitted paper will be based on all kinds of reviewers as double-blind and non-blind reviewers. These will be necessary conditions for full papers or extended abstracts. All of the papers will be selected and invited to adapt their papers for publication in International Journals of Frontiers in Computer Science or Frontiers in Robotics and AI. This will also be evaluated based on the three kinds of reviews. The conference will also feature the following topics. For more information and registration can be found at www.riit2024.org

Topics

T1. Smart Management:

Business Management, Industrial Management, Technology Management, Innovation Management, Informatics Management, Information system application, Computer business, Data management, Education management, and also Retailing management, and intelligent Point of Sale (POS).

T2. Big Data and Informatics Application:

Data Retrieval, Database Management, Security and risk management, Computer-based information systems, Information systems and applications, Real-time Information Systems, Human-Machine Interfaces, Electronic Transceiver Devices, Digital Platform Technology, Application Programming Interface (API), Digital Entrepreneur, Digital Business Analytics.

T3. Real-time Control and Artificial Intelligent Application:

Advanced Microprocessor-based Signal Processing, Neural Network, Fuzzy Logic, Neuro-Fuzzy, Parametric Estimation, System Identification, Optimization technique, Adaptive Control System, Optical Recognition, Pattern Recognition, Character Recognition, Voice Recognition, and Speech interface.

T4. Power Electronics and Electrical Drives Technology:

Integrated Power Electronics, AC/DC Modern Rectifiers, Distributed Power Systems, Power Line Conditioners, Drives Automation, Variable-Frequency Drive, Induction, and Synchronous Motor Drives.

T5. Intelligence Signal Processing:

Intelligent Sensing Development and Wireless Network Sensor, Multi-Channel Processing, Microsensors and Micro-Actuators, Distributed Sensor Networks, Remote Sensing Application, Digital Signal Processing, Multi-Dimensional Signal Processing, Modeling and Simulation, Real-time Signal Processing.

T6. Robotics Technology and their Applications:

Industrial Robots, Service Robots, Tele-Robotics and Teleoperation, BIO-Robotics, Multi-Robot Systems, Humanoid Robots, Reconfiguration Robots, Cognitive Systems, Surgery Robot, Underwater Robots, Medicine Robot, Security Robot, Manipulator/Mobile Robot, Search and Rescue Robots, Micro/Nano Robotics.

T7. Production and Manufacturing System :

Manufacturing systems, Manufacturing Processes, Production planning and control, Project management, Quality control and management, Factory Automation, Process Automation, Instrumentation, and controls, Automation in Machine tools, Faults and diagnostics techniques, CAD/CAM/CAT/CIM, Flexible Manufacturing Systems, Power Plant Automation.

T8. Telecommunication Network and Internet of Things (IOT) :

Applied Wireless and 5G Technology, Vision-based applications, On-board diagnostics, Data fusion, Information, and Data Security, Information Indexing and Retrieval, Mobile networks and Services, Grid and Cloud Computing, IoT Security, Fog Computing, IoT and Social Networks (Social IoT), IoT and Open Data, Smart City, Smart Grid, Smart Device.

T9. Logistics Technology and Intelligent Transportation Application :

Supply Chain Management, Logistics applications, Navigation and Guidance, Vision-based applications, Intelligent Transportation Systems, Smart Transportation Information, Autonomous Vehicle Control, Smart Network Switch, Integrated Access Devices, Industrial Knowledge-Based Systems, Knowledge Management, Electric Vehicles (EV), and Trains (ET), Electric Machines Reliability, Electric Vehicle, and Vehicle Intelligence Platform.

T10. Geographical Information System, Surveillance, and Cyber Secure:

Cloud Computing Services, Broadcast and their Convergence, Cyber Surveillance, Cyber-Vision CCTV, Secure operating systems, Intrusion detection system, Intrusion Prevention Systems, Mobile secure gateway (MSG), Cyber Security and Safety Applications, Cyber-Warfare, Multi-Factor Authentication, Cybersecurity Assures Protection, Computer Protection.

However, these topics are not limited to other related fields.

Important Date

Final Paper Submission: ~~20 January 2024~~ Extended to 15 February 2024

Notification of Acceptance : 20 February 2024

Camera-ready manuscripts : 21 February 2024

Early-bird Registration and Payment : 22 February 2024

Post the conference information and Accommodation: 23 February 2024

Conference Invited Letter : 23 February 2024

Conference and Exhibition : 26-27 February 2024