

Call Paper RIIT 2018

The 6th International Conference on Robotics, Informatics, and Intelligence Control Technology (RIIT2018) Will Be At Central-plaza Grand Rama 9, Bangkok, Thailand On **17th - 18th May 2018**. Papers Are Solicited In All Related Areas In An Intelligence Automation Control, Robotics Control, Mechatronics And Their Application, Computer Network(Wire/Wireless), Information Technologies, Modern Production And Manufacturing System, Computer Control System, Simulation Modeling Systems (Including Information Management, Industrial Management, Information For Manufacturing, Logistic And Supply Change. 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 reviewing. This will be necessary conditions on full papers or extended abstracts. The selection of the best 10%-20% papers will be invited to adapt their papers for publication in the International Journal of Advance Mechatronics and Intelligence Control (JAMIC), the International Journal of Systemics and Cybernetics and Informatics (JSCI). This will also be done based on the three kinds of reviewing. The conference will be also feature in the following topics:

Topics

T1. Software Engineering and Software Development:

Development/Software Architecture, Artificial Intelligent, Software processes and workflows, Software reliability, Software tools and development environments, Grid Computing, Cloud Computing, Parallel Computing, Quality of Service, Scalability and Performance, Data Management, Data Stream Processing.

T2. Embedded System, Advanced Control Systems, and Intelligent Control:

Advanced control and measurement, computer and microprocessor-based control, signal processing, estimation and identification techniques, nonlinear and adaptive control, optimal, intelligent control, evolutionary computing, automotive, Intelligent Control System, Signal Control System.

T3. Power Electronics and Electrical Drives:

Power electronic devices and systems, Integrated power electronics, Modeling simulation and control of power electronics, AC/DC Modern rectifiers, Distributed power system, Power line conditioners, Photovoltaic, modeling and simulation, micro machines, Special application of machines and drives, electric vehicles and trains, Electric machines reliability and Application in Electric Vehicle.

T4. Sensors, Actuators and Systems Integration:

Intelligent sensors and actuators, multi-sensor fusion, sensor array and multi-channel processing, micro/nano technology, microsensors and micro-actuators, instrumentation electronics, , wireless sensor, Network sensor, Hybrid sensor, Optimization methodology, Distributed Sensor Networks, Intelligent Sensor Application, Systems modeling and simulation.

T5. Signal and Image Processing:

Digital signal processing theory, DSP implementation, speech processing, Image and multi-dimensional signal processing, Image analysis and processing, Virtual reality, Image and Multimedia applications, Real-time multimedia signal processing, Computer vision, Emerging signal processing areas, Remote Sensing, Signal processing.

T6. Industrial Informatics:

Industrial applications of neural networks, fuzzy algorithms, Neuro-Fuzzy application, bio-Informatics, real-time computer control, real-time information systems, human-machine interfaces, CAD/CAM/CAT/CIM, industrial communications, flexible manufacturing systems, industrial automated process, Electronic transceiver device industries, Supply Chain Management, Logistics applications, Power plant automation, Drives automation.

T7. Mechatronics, Robotics, and their applications:

Mechatronic systems, industrial robots, service robots, tele-robotics and teleoperation, bio-robotics, multi-robot systems, humanoid robots, reconfiguration robots, cognitive systems, electrical vehicles, intelligent transportation, Surgery Robot, Underwater Robots, Medicine Robot, Security Robot, Manipulator/Mobile Robot, Search And Rescue Robots, Micro/Nano Robotics.

T8. Information Technology, Management of Information System:

Management information systems, Information system application, Applied Business and E-Commerce, Data Retrieval, Database Management, Facilities planning and management, Security and risk management, Medical imaging, Computer-based information systems, Technology and knowledge management.

T9. Production and Manufacturing System:

Manufacturing systems, Manufacturing process, Production planning and control, Project management, Quality control and management, Factory automation, Process automation, Instrumentation and controls, Reliability and maintenance engineering, Service innovation and management, System identification, Optimization technique, Hydraulic and Pneumatics, Automation in Machine tools, Machine visions, Faults and diagnostics techniques.

T10. Communication/Computer Network, Transportation Application:

Wireless and Telecommunication systems, Communication application, Navigation and Guidance, Vision-based applications, Speech interface, Networking theory and technologies, Transportation information, Autonomous vehicle, Vehicle application, Infrastructure to support intelligent transportation systems, ICT and banking, ICT and Intelligent transportation.

T11. Advance Computing, Innovation and their technologied application:

On-board diagnostics, Active safety system, Broadband and intelligent networks, Data Mining, Data fusion, Computational intelligence, Information and data security, Information indexing and retrieval, Information processing, Information systems and applications, Internet applications and performances, Knowledge based systems, Knowledge management, Software Engineering, Decision making, Mobile networks and services, Network management and services, .

T12. Digital Economy:

Digital platform technology, Application Programming Interface (API) market place, Digital Entrepreneur, Digital business analytics, Digital for society and knowledge resource, Open service platform, Cloud computing service, Soft/Hard/Service infrastructure development, Telecommunication, Broadcast and their Convergence.

T13. Cyber Surveillance Security, Threats, Defense:

Cyber Surveillance, Cyber-Vision CCTV, Cyber-watch Security, Secure operating systems, Secure coding, Intrusion detection system, Intrusion prevention system, Mobile secure gateway (MSG), Cyber-warfare, World Wide Web Security, Mobile security, Network security, Access Control Systems, Multi-factor authentication, Cybersecurity assures protection, Computer protection, Security and safety applications

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

Important Date

- **Deadline of First Draft Paper Submission (Full Paper): January 10, 2018**
- Notification of Acceptance: February 14, 2018
- Camera-ready menu-scripts: February 19, 2018
- Early-bird Registration: February 20, 2018
- Post the conference information and accommodation: February 28, 2018
- Conference Invited Letter and Accommodation Acceptance Letter: March 1, 2018
- **Conference Events: May 17-18, 2018**

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