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MITiCON2017

The Management and Innovation Technology
International Conference

“Innovation on Science and Engineering towards Industry 4.0”

14-16 December 2017

Classic Kameo Ayutthaya Hotel, Ayutthaya, Thailand



The 4th Management and Innovation Technology International Conference (MITICON2017)
14-16 December 2017
Classic Kameo Ayutthaya Hotel, Ayutthaya, Thailand
"Innovation on Science and Engineering towards Industry 4.0"

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The 4th Management and Innovation Technology International Conference (MITICON2017) will provide an excellent international forum for sharing knowledge and results in theory, methodology, applications, impacts and challenges on engineering innovation and management. The aim is to provide forums for researchers and practitioners from both academia as well as industrials to meet and compromise possibility of applying engineering and management knowledge to several areas of applications such as data science, informatics, ubiquitous computing, embedded and intelligence systems, circuits and systems, sustainable and green technology, economics, marketing, accounting, laws, politics and communications. Previous conferences in the series were held in Bang-Saen Beach in 2016, Bangkok in 2015, and Pattaya in 2014, Thailand. Accepted papers will be published in proceedings volume to be submitted for inclusion to IEEE Xplore Digital Library indexed by EI Compendex and SCOPUS. Authors are solicited to contribute to the conference by submitting articles that illustrate research results, projects, surveying works, industrial experiences, and ideal frameworks that describe significant advances in the following areas, but are not limited to:

Track 1: Data Science, Informatics and Ubiquitous Computing

- 1) Fog and Cloud Computing
- 2) Big Data Analytics and Metrics
- 3) Data Mining and Data Warehousing
- 4) Ontology and Semantic Search
- 5) Health and Medical Informatics
- 6) Virtual and Augmented Reality
- 7) Software Agent-Based Systems
- 8) Decision Support Systems
- 9) Information Security
- 10) Human-Machine interaction
- 11) Mobile Applications and Services
- 12) Pervasive Computing and Communications

Track 2: Embedded and Intelligent Systems

- 1) Intelligent Computation
- 2) Machine Learning
- 3) Natural Language Processing
- 4) Internet-of-Thing
- 5) Embedded Systems
- 6) FPGAs and System-on-Chip
- 7) Application Specific Processors and Devices
- 8) Embedded Operating Systems Software and Optimization
- 9) Agricultural Electronics
- 10) Industrial Automation
- 11) Home and Building Automation
- 12) Surveillance and Security Technology

Track 3: Devices, Communications, Control, Circuits and Systems

- 1) Analog and Mixed Signal Circuits and Systems
- 2) Digital Circuits and Systems
- 3) Digital Signal Processing Algorithms
- 4) Wireless Communications Circuits and Systems
- 5) Sensors and Actuators
- 6) Biomedical Devices
- 7) Antenna Designs and Propagation Analysis
- 8) Adaptive and Learning Control Systems
- 9) Mechatronics, Adaptronics, and Robotics
- 10) Power Electronics Circuits
- 11) Nonlinear Systems and Circuit Theory
- 12) Photovoltaic Materials and Solar Cell Applications

Track 4: Sustainable and Green Technology

- 1) Renewable Energy Systems and Sources
- 2) Eco-Design Engineering
- 3) Technology for Climate Change
- 4) Technology for Ecosystem Creation and Restoration
- 5) Sustainability and Resilience
- 6) Watershed and River Catchment Management
- 7) Environmental and Chemical Engineering Managements
- 8) Sustainable Building Designs
- 9) Policies and Strategies for Renewable Energy Systems
- 10) Smart Grid
- 11) Novel Energy Conversion Technology
- 12) Recent Advance in Electric Vehicles

Track 5: Technopreneurship and Innovation Managements

- 1) Intrapreneurship
- 2) Technopreneurship and business Incubators
- 3) Business Model Innovation
- 4) Creativity in Innovation
- 5) Industrial Management and Innovation
- 6) Engineering Project Management
- 7) Enterprise Resource Management and Development
- 8) Risk Management
- 9) Supply Chain Management
- 10) Business intelligence
- 11) Financial networks and systemic risks
- 12) Logistic Systems

Track 6: Forensic, Social Science and Technology

- 1) Cryptography
- 2) Crime Scene Investigations
- 3) Digital Forensics
- 4) Forensic Science Management
- 5) Research on Technology in Education
- 6) Accreditation and Quality Assurance
- 7) Technology for Language Learning and Teaching
- 8) Digital Tourism Products
- 9) Cross-cultural management
- 10) Innovative Healthcare Management
- 11) Intellectual Property and Knowledge Management
- 12) Social Entrepreneurship and Enterprises

SUBMISSION

Prospective authors are invited to electronically submit 5-page full papers written in English, following the submission instructions available on the website: www.miticon.org. We strongly recommend using the set of templates in MS Word and LaTeX formats provided by IEEE. Accepted papers will be published in proceedings volume to be submitted for inclusion to IEEE Xplore Digital Library indexed by EI Compendex and SCOPUS.

IMPORTANT DATES

Full Paper Submission : August 1, 2017
Notification of acceptance: September 30, 2017
Final Manuscript Submission: November 1, 2017
Conference Dates: December 14-16, 2017

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