



About IAIT 2016 conference

In the 8th International Conference on Advances in Information Technology (IAIT2016), which will take place at University of Macau, December 19-22, 2016, the topics related to smart cities and the enabling technologies such as big data, IoT, sensing techniques, data analytics, infrastructures and advances on information technology will be pondered on, through the interactions between academic researchers from different regions and cultures. The theme of the conference is "Impacts of Big Data Analytics and Applications on Smart Cities". Timely research topics will be discussed via presentations of the latest progresses and developments of ICT, big data analytics and applications for solving social problems by implementing smart cities.



The conference will be held in conjunction with CSBio2016, ICBE 2016 providing great opportunity for IAIT participants to meet researchers in other related fields as well.

ICBE 2016

Macau

Publication

All accepted papers will be published in Procedia Computer Science (pending), a high visibility online publication on ScienceDirect.com, Elsevier's premier online platform, with free access (open access)-**EI&SCOPUS**

Authors of the best selected papers who presented at the conference will be invited to publish the paper into journal special issues.

SCOPUS indexed journal



High Level and International Committee

Sohail Asghar, COMSATS Institute of Information Technology, Pakistan
 Chintan Bhatt, Charotar University of Science and Technology, India
 Iztok Fister Jr., University of Maribor, Slovenia
 Patrick Hung, University of Ontario Institute of Technology, Canada
 Richard Khory, Lakehead University, Canada

Rita Li, Hong Kong Shue Yan University, China (Hong Kong)
 Han-Teng Liao, University of Oxford, United Kingdom
 Liansheng Liu, First Affiliated Hospital of Guangzhou University of TCM, China
 Richard Millham, Durban University of Technology, South Africa
 Luiz Abel Moutinho, University of Glasgow, Scotland
 Guangmin Sun, Beijing University of Technology, China
 Yunsick Sung, Keimyung University, South Korea



Conference History

IAIT2005 November 25-26, Thailand, Bangkok <http://www.iait-conf.org/IAIT2005/>
IAIT2007 November 1-2, Thailand, Bangkok <http://www.iait-conf.org/IAIT2007/>
IAIT2009 December 1-5, Thailand, Bangkok <http://www.iait-conf.org/IAIT2009/>
IAIT2010 November 4-5, Thailand, Bangkok <http://www.iait-conf.org/IAIT2010/>
IAIT2012 December 6-7, Thailand, Bangkok <http://www.iait-conf.org/IAIT2012/>
IAIT2013 December 12-13, Thailand, Bangkok <http://www.iait-conf.org/IAIT2013/>
IAIT2015 November 22-25, Procedia Computer Science <http://www.iait-conf.org/>

Important date



Manuscript submission deadline: 31 August 2016
Notification of acceptance: 20 September 2016
Early-bird registration deadline: 30 September 2016

Contact

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Topics Covered

- Advanced ICT for Smart Home and Smart Cities
- Analysis of Technical Requirements
- Big Data Fundamentals, Analytics and Applications
- Cloud Computing
- Data Mining and Data Stream Mining
- Digital Contents
- Distribution System
- E-Science and Creative Technologies for IoT and Big Data
- Future of IoT, Big Data and Smart Cities
- Green Computing
- Human Computer Interaction
- Information Assurance and Security
- Integration as a Service (Data; Service; Business; Federated IoT and Big Data)
- Internet of Things and Sensor Applications
- Machine Learning Algorithms and Scalable/Parallel/Distributed Algorithms
- Mobile Applications
- Networking and Security
- Optimization Algorithms and Metaheuristics
- Privacy preserving and Security approaches for large scale analytics
- Social Computing
- System Integration and Architecture
- Theory and Practice of Engineering Smart Cities
- Usability Issues
- Volume, Velocity, Variety and Veracity for Data Science
- Smart City architecture and infrastructure
- Smart City technology
- Smart City applications
- Smart services
- Smart management
- Smart home
- Cloud Computing in Smart City
- CDN techniques in Smart City
- Autonomic computing in Smart City
- Big data in Smart City
- IoT architectures, protocols, and algorithms
- IoT device technologies
- IoT network technologies
- Embedded sensing and actuating
- Radio frequency identification (RFID)
- Wireless sensor networks
- Mobile Internet
- Real-time and semantic web services
- Data management in IoT
- Localization in IoT
- System design, modeling and evaluation
- Ubiquitous sensing
- Networks and communications
- Intelligent data processing
- Cyber-physical systems and society
- Reliability, security, privacy and trust
- Applications, business and social issues
- Cryptography, security, and privacy

Conference Venue University of Macau

The Conference Venue will be arranged at The campus of University of Macau.
Address: Avenida da Universidade, Taipa, Macau, China

