SoICT 2014
the fifth international symposium on information and communication technology
Ha Noi, Vietnam, December 4-5, 2014

More details and up-to-date information at http://www.acm-soict.org

SoICT 2014 is an international symposium which covers all major areas related to computer science. Following the past successful symposium SoICT 2013 which received submissions from 24 countries, the fifth international symposium on Information and Communication Technology (SoICT 2014) will be held in Hanoi, Vietnam. The symposium aims to provide an academia forum for researchers, fellow students to share their latest research findings and to identify future challenges in computer science. The symposium will include tutorials, workshops, and technology panels given by world-class speakers. This year the symposium will be held in conjunction with the 16th International Conference on Advances in Mobile Computing & Multimedia (iiWAS2014).

Honorary Chair
Nguyen Trong Giang, HUST, Vietnam

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Marc Bui, EPHE, France
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Tutorial & Workshop Chairs
Le Minh Nguyen, JAIST, Japan
Binh Minh Nguyen, HUST, Vietnam

Publication Chairs
Hong Phuong Nguyen, HUST, Vietnam
Ba Ngoc Nguyen, HUST, Vietnam

Important Dates
SUBMISSION DEADLINE
July 26, 2014
AUTHOR NOTIFICATION
September 06, 2014
CAMERA-READY
September 27, 2014
CONFERENCE DATES
December 04-05, 2014

Co-Located

iiWAS 2014

Financial Sponsors

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SUBMISSION AND PUBLICATION

SoICT 2014 is seeking articles describing original unpublished results of theoretical, empirical, conceptual or experimental research in Computer Science. All contributions should be original and not published elsewhere or intended to be published during the review period. The symposium language is English. Papers should be prepared in ACM style and should not exceed 10 pages and be submitted via https://www.easychair.org/conferences/?conf=soict2014. All accepted papers will be included in the symposium proceedings published as a volume in ACM ICPS (ISBN 978-1-4503-2930-9, indexed by ACM Digital Library and DBLP).

CONFERENCE SCOPE

Relevant topics of the symposium include, but are not limited to:

- **Computing Algorithms and Knowledge-based Systems Track:** Computation Models, Algorithms and Complexity, Logics, Constraint Programming, Numerical Linear Algebra, Approximation, Optimization, Combinatorics, Graph theory, Distributed Computing, Ubiquitous Computing; Knowledge Engineering, Knowledge-based systems, Data Structures, Data Warehousing, Data Mining, Database Architecture and Management, …

  Co-Chairs: Xuan Hoai Nguyen, Hanoi University, Vietnam and Yves Deville, UCL, Belgium

- **Computer and Communication Engineering Track**: Digital Integrated Circuits and Systems, Microprocessors, ASICs and FPGAs, Real-time Embedded System, Digital Signal Processing, Robotics, Wearable Computing; Computer Networks, Performance and QoS, Internet of Things, Future Internet, Satellite & Space Communication, Mobile Networks, Wireless Sensor Networks, Reliable Communications, Multimedia Communication,...

  Co-Chairs: Shigeki Yamada, NII, Japan and Dieu Linh Truong, HUST, Vietnam

- **Image Processing and Computer Vision Track**: Image/Video Processing, Image/Video Coding and Transmission, Image/Video Storage and Retrieval, Object Detection and Recognition, Shape Representation and Matching, Face and Gesture Analysis, Vision for Graphics and Robotics…\

  Co-Chairs: Vaclav Hlavac, CTU in Prague, Czech Rep., and Nguyen Thi Thuy, HUA, Vietnam

- **Software Engineering Track:** Requirements and Specifications, Software Architectures; Formal Analysis and Design, Software Development Techniques and Tools, Software Verification, Testing, Debugging, Distribution and Maintenance, Programming Languages...

  Co-Chairs: Thao Dang, Grenoble INP, France and Thanh Binh Nguyen, DUT, Vietnam

WORKSHOP AND SPECIAL SESSIONS

SoICT 2014 offers special sessions, which provide an overview of the state-of-the-art and current research on hot topics in information and communication technology:

- **Information and Network Security Symposium (INSS 2014)**
  Co-Chairs: Ian Welch, VUW, Newzeland and Linh Giang Nguyen, HUST

- **Special Session on Intelligent Systems**
  Co-Chairs: Philip Moore, Birmingham City University, UK and Van Hai Pham, HUST

- **Special Session on Cloud Computing and Big Data**
  Co-Chairs: Ladislav Hluchý, Slovak Academy of Sciences and Huu Duc Nguyen, HUST

POST-CONFERENCE JOURNAL PUBLICATION

Distinguished papers, after further revisions, will be considered for publication in special issues of international journals, including the International Journal of Web Information Systems (IJWIS) and The International Journal of Mobile Computing and Multimedia Communications (IJMCMC)