

# SoICT 2017

The eighth international Symposium  
on Information and Communication Technology  
Nha Trang, December 7-8, 2017

SoICT 2017 is an international symposium that covers four major areas of research that includes AI and Big Data Analytics, Information Networks and Communication Systems, Human Computer Interface, Software Engineering and Applied Computing. Following the past successful symposium SoICT 2016, which received submissions from 20 countries, the Eighth International Symposium on Information and Communication Technology (SoICT 2017) will be held in Nha Trang, Vietnam. The symposium aims at providing an academic forum for researchers and graduate students to share their latest research findings and to identify future challenges in computer science. The symposium will include tutorials and keynotes given by world-class speakers.

More details and up-to-date information at <http://soict.org>

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## SUBMISSION AND PUBLICATION

SoICT 2017 seeks articles describing novel results about theoretical, empirical, conceptual or experimental research in Computer Science. All contributions should be original, must be unpublished, and must not be submitted to other venues during the review period. The symposium language is English. Papers should be prepared in ACM SIG style (<http://www.acm.org/sigs/publications/proceedings-templates>), should not exceed 8 pages and must be submitted via <https://www.easychair.org>. SoICT 2017 proceedings will be published in the **International Conference Proceedings Series by ACM** as a volume in ACM ICPS (ISBN: 978-1-4503-5328-1), which will be archived in the ACM Digital Library, and indexed by DBLP, **Ei Compendex**, **Scopus** and submitted to be reviewed by **Thomson Reuters** Conference Proceedings Citation Index (ISI Web of Science).

## CONFERENCE SCOPE

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

- **AI and Big Data Analytics:**
  - Artificial intelligence, Knowledge Representation, Machine Learning, Uncertainty.
  - Big data, Data Mining, Information Retrieval, Social computing.
  - Natural Language processing, Search.
- **Information Networks and Communication Systems:**
  - Future Internet, Optical Networks, Mobile and Wireless Networks, Ad-hoc and Sensor Networks, Internet of Things.
  - Software Defined Networking, Green Networking, Network Architectures and Protocols, Network Security, Network Survivability, Network Performance and QoS.
  - Coding and Information Theory, Wireless Communications, Free Space and Fiber-Optic Communications, Radio-over-Fiber, Cognitive Radio; Cooperative Communications, Multi-antenna Communication Systems.
- **Human Computer Interface:**
  - Computer Vision, Multimedia, Audio/Image/Video analysis and processing.
  - Signal Processing, Speech processing, Recognition, Cognitive Robotics.
  - Intelligent interfaces, Interaction, User Centered approaches, Human factors.
- **Software Engineering and Applied Computing**
  - Software Architectures; Formal Analysis and Design, Software Development Techniques and Tools, Software Verification, Programming Languages.
  - Parallel/Distributed Computing, Mobile/Ubiquitous Computing, Cloud Computing, Real-time Embedded System.

## REVIEW PROCESS

The selection of contributions to be presented at the conference and published in the proceedings will be based on peer-review by the programme committee. The proceedings volume will be published in ACM ICPS and available online in ACM Digital Library and DBLP. It is required that each accepted paper be presented at the conference by one of its authors.

## IMPORTANT DATES

Submission deadline:

**August 14, 2017**

Author notification:

**October 13, 2017**

Camera-ready:

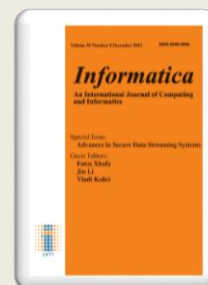
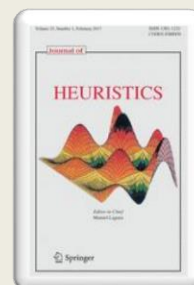
**October 27, 2017**

Conference dates:

**December 7-8, 2017**

## POST-CONFERENCE JOURNAL PUBLICATION

Extended versions of the selected best papers in SoICT 2017 will be invited for submission to Journal of Heuristics (IF: 1.34) and Informatica (IF: 1.0), but will be reviewed again.



## Organizers



## Sponsors

