



Preliminary Call for Papers

**17th IEEE/ACIS International Conference on Computer and Information Science (ICIS 2018)
June 6-8, 2018, Singapore**



**Sponsored by IEEE Computer Society and International Association for Computer and Information Science (ACIS)
In collaboration with Pattern Recognition and Machine Intelligence Association, Singapore**

ICIS 2018 Proceedings will be published by IEEE Conference Publishing Services and will be submitted to be indexed by SCI, EI, INSPEC, and DBLP.

Selected papers will be recommended to publish in the following journals (www.acisinternational.org):

- *International Journal of Networked and Distributed Computing (IJNDC), Paris, France*
- *International Journal of Software Innovation (IJSI), IGI Globe, U.S.A.*
- *Studies in Computational Intelligence (SCI), Springer, Germany*

Other outstanding papers will be published in special issues of SCI-Indexed Journals.

- *Special Issue: Machine Learning for Intelligent Systems Journal of Robotics, Networking and Artificial Life (JRNAL)*
- *Special Issue: Knowledge-Based Intelligent Systems for Smart Computing International Journal of Computational Intelligence Systems (IJCIS)*

The 17th **IEEE/ACIS International Conference on Computer and Information Science** brings together scientists, engineers, computer users, and students to exchange and share their experiences, new ideas, and research results about all aspects (theory, applications and tools) of computer and information science, and discuss the practical challenges encountered and the solutions adopted. The conference will cover a broad set of research topics including, but not limited to, the following:

Communication Systems & Networks	Programming Languages, Compilers, & Operating Systems
Computer Architecture and VLSI	Software Architectures, Design Patterns, Frameworks
Visual and Multimedia Computing	UML, OO Modeling & Simulation
Control Systems, Intelligent Systems	Software Metrics & Project Management
Data Mining, Data Warehousing & Database	Software Specification Techniques
Knowledge Discovery, Neural Networks and Genetic Algorithms	Software Verification and Testing
Speech and Signal Processing	Middleware Architectures & Techniques
Image Processing & Pattern Recognition	Visual and Multimedia Computing
Intelligent Agent Technology, Agent Based Systems	Web Engineering & Applications
Internet Technology and Applications, e-Commerce	Big Data and Analytics
Mobile/Wireless Computing	High Performance and Small Computing

Parallel and Distributed Computing & Systems	Applied Informatics
Management Information Systems	Internet of Things

All papers should be submitted online. Please refer to <http://www.acisinternational.org> for more information.

Conference officers will select papers for the Best Paper Award and Best Student Paper Awards. (in order to qualify for the award, the paper must be presented at the conference.)

General Chair

Roger Lee, Central Michigan University, USA

Conference Co-Chairs

Wei Xiong, Institute for Infocomm Research, Singapore
Simon Xu, Algoma University, Canada

Program Co-Chairs

Hwee-Kuan Lee, Bioinformatics Institute, Singapore
Wenqiang Shang, Communication University of China, China

Local Arrangement Chair

Jia Du, Institute for Infocomm Research, Singapore

Finance Chair

Jierong Cheng, Institute for Infocomm Research, Singapore

Publicity Chair

Kar Ann Toh, Yonsei University, Korea
North Region: Jun Hong, North University of China, China
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Central Region: Yufeng Gui, Wuhan University of Technology, China
South Region: Shuqian He, Hainan Normal University, China
Northwest Region: Kailong Zhang, Northwest Polytechnic University, China
Southeast Region: Xuhui Chen, Xiamen University of Technology, China
Yen-Wei Chen, Ritsumeikan University, Japan
Henning Muller, University of Applied Sciences, Switzerland
Nizar Ouarti, Pierre and Marie Curie University – Paris 6, France
Hongliang Ren, National University of Singapore
Gede Putra Kusuma, Bina Nusantara University, Indonesia
Yiyu Cai, Nanyang Technological University, Singapore

Technical Track Area Chair

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Henning Muller, University of Applied Sciences, Switzerland
Nizar Ouarti, Pierre and Marie Curie University – Paris 6, France
Hongliang Ren, National University of Singapore
Gede Putra Kusuma, Bina Nusantara University, Indonesia
Li Cheng, Bioinformatics Institute, Singapore
Jiayin Zhou, Institute for Infocomm Research, Singapore
Ying Gu, Institute for Infocomm Research, Singapore
Yan Wu, Institute for Infocomm Research, Singapore
Lijun Jiang, Republic Polytechnic, Singapore
Hiew Litt Teen, Blackmagic Design, Singapore
Chern-Horng Sim, DSO National Laboratories, Singapore
Yiyu Cai, Nanyang Technological University, Singapore

Registration Chair

Wenyu Chen, Institute for Infocomm Research, Singapore

Publication Chair

Roger Lee, Central Michigan University, USA

Special Sessions/Workshops

We welcome colleagues to organize workshops or special sessions for ICIS 2018. The Deadline to submit the proposals is February 1st, 2018.

Important Dates

Full Paper Submission:	March 26, 2018
Acceptance Notification:	April 9, 2018
Camera-Ready Papers & Registration:	April 23, 2018
Conference Dates:	June 6-8, 2018