



Preliminary Call for Papers

**19th IEEE/ACIS International Conference on Computer and Information Science (ICIS 2020)
November 18-20, 2020, Shanghai, China**



**Sponsored by IEEE Computer Society and International Association for Computer and Information Science (ACIS)
in-cooperation with Shanghai Development Center of Computer Software Technology (SSC)**

Important Dates

Full Paper Submission: August 10, 2020
Acceptance Notification: August 27, 2020
Camera-Ready Papers & Registration: September 18, 2020
Conference Dates: November 18-20, 2020

**ICIS 2020 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*

The 19th 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:

Artificial Intelligence, Neural Networks and Genetic Algorithms	Mobile/Wireless Computing
Applied Informatics	Parallel and Distributed Computing & Systems
Big Data and Analytics	Programming Languages, Compilers, & Operating Systems
Communication Systems & Networks	Software Architectures, Design Patterns, Frameworks
Computer Architecture and VLSI	Software Metrics & Project Management
Control Systems, Intelligent Systems	Software Quality Management Methods
Data Mining, Data Warehousing & Database	Software Specification Techniques
High Performance and Small Computing	Software Verification and Testing
Image Processing & Pattern Recognition	Speech and Signal Processing
Image, Acoustic, Speech and Signal Processing	Testing of Large-scale Distributed Systems
Intelligent Agent Technology, Agent Based Systems	Testing, Validation and Verification of AI applications
Internet of Things	UML, OO Modeling & Simulation
Internet Technology and Applications, e-Commerce	Visual and Multimedia Computing
Management Information Systems	Visual and Multimedia Computing
Middleware Architectures & Techniques	Web Engineering & Applications

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

Simon Xu, Algoma University, Canada

Conference Chairs

Huaikou MIAO, Shanghai University, China

Lizhi CAI, Shanghai Development Center of Computer Software Technology, China

Program Chairs

Jiayu GONG, Shanghai Key Laboratory of Computer Software Testing and Evaluating, China

Local Arrangement Chair

Yin SHEN, Shanghai Key Laboratory of Computer Software Testing and Evaluating, China

Finance Chairs

Roger LEE, Central Michigan University, USA

Yun HU, Shanghai Key Laboratory of Computer Software Testing and Evaluating, China

Publicity Chair

Jianxin GE, Hebei Software Testing Center, China

Liping LI, Shanghai Polytechnic University, China

Keshou WU, Xiamen University of Technology, China

Registration Chair

Yun HU, Shanghai Key Laboratory of Computer Software Testing and Evaluating, China

Special Sessions/Workshops

We welcome colleagues to organize workshops or special sessions for ICIS 2020. The Deadline to submit the proposals is January 3rd, 2020.