

# GOLDEN ACADEMY

## Message from the organizers

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Dear Colleagues and Friends,

We would like to invite all of you to join the Asia Pacific Society for Computing and Information Technology 2021 Annual Meeting (APSCIT 2021 Annual Meeting), which will be held during December 10 -12 2021.

APSCIT Annual Meeting intends to provide a platform for the exchange and networking between top scientists, emerging young researchers, and students across a wide spectrum of computer science and informatics.

Your active participation is the key to the success of this conference.



Yours Sincerely,

APSCIT 2021 Annual Meeting Committee

Asia Pacific Society for Computing and Information Technology (APSCIT)

[www.apscit.org](http://www.apscit.org)

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## Conference organizing committee

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### CONFERENCE CHAIRS

Prof. Shigeo AKASHI (Tokyo University of Science)

Prof. Lei JING (University of Aizu)

Prof. Yung-Kang SHEN (Taipei Medical University)

### CONFERENCE PROGRAM DIRECTOR

Dr. Yingxue SONG (APSCIT)

### CONFERENCE SECRETARIAT

Ms. Yangjun HU (APSCIT)

Ms. Yaru WU (APSCIT)

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## Conference topics

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- 1. Theory, Algorithms, Programming**
- 2. Database, Cloud Computing, Data Mining, Big Data**
- 3. Communications, Networking, Security, and Internet of Things**
- 4. Multimedia, Image Processing and Recognition (Virtual Reality)**
- 5. High Performance Computing and Intelligent Systems (AI, Robotics)**
- 6. Software Engineering and Applications**
- 7. Electronics (Analog/Digital Circuits, Signal Processing, System Architectures)**

Beijing/Taipei/Singapore/ Hong Kong	Tokyo/Seoul	FRI, 12/10	SAT, 12/11	SUN, 12/12
9:30 – 11:30	10:30 – 12:30		Oral Presentation	
12:00 – 13:00	13:00 – 14:00	Break		
13:00 – 14:00	14:00 – 15:00	Oral Presentation		

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## Presentation List

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Beijing/Taipei/Singapore/ Hong Kong	Tokyo/Seoul	FRI, 12/10	SAT, 12/11	SUN, 12/12
9:30 – 11:30	10:30 – 12:30		3. M. NISHIGUCHI 4. S. MIYATA 5. J.M. KIM 6. L. JING	7. S. AKASHI 8. W. LAM 9. S.R. JEONG
12:00 – 13:00	13:00 – 14:00	Break		
13:00 – 14:00	14:00 – 15:00	1. K.C. WONG 2. R. WU		

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## **Presentations for APSCIT 2021 Annual Meeting**

### **FRIDAY 12/10**

1. AI Technologies for Molecular Biology and Medicine: DNA Motifs, CRISPR-Cas9 Off-Targets, and Cancer Screening from Blood (K.C. WONG)
2. A Computational Based Approach in the Development of New Aerogel Materials (R. WU)

### **SATURDAY 12/11**

3. Spatial auditory masking of human hearing for applications of augmented reality (M. NISHIGUCHI)
4. Analysis and Control of Streaming Traffic Using Queueing Theory (S. MIYATA)
5. Development of Artificial Intelligence Techniques for Automated Remote Classification of Cardiac Arrhythmia (J.M. KIM)
6. Multimodal Glove Development (L. JING)

### **SUNDAY 12/12**

7. A network system consisting of virtual ICT laboratories constructed with Cisco Packet Tracer and Zoom (S. AKASHI)
8. Conversational Recommendation via Unified Policy Learning (W. LAM)
9. K-means Clustering and Naïve Bayes Model for Real-time Mental Stress Classification (S.R. JEONG)