

GOLDEN ACADEMY

Message from the organizers

Dear Colleagues and Friends,

2019 International Symposium for Advanced Computing and Information Technology (ISACIT 2019) will be held in Kaohsiung, Taiwan during August 22-25 2019.

ISACIT 2019 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.

We would like to invite you to participate in ISACIT 2019. Your active participation is the key to the success of this conference.



Yours Sincerely,

ISACIT 2019 Committee

Asia Pacific Society for Computing and Information Technology (APSCIT)

www.apscit.org

GOLDEN ACADEMY

Conference organizing committee

CONFERENCE CHAIRS

Prof. Naoaki YAMANAKA (Keio University)

Prof. Masayuki ARAI (Teikyo University)

Prof. Shigeo AKASHI (Tokyo University of Science)

CONFERENCE PROGRAM DIRECTOR

Dr. Yingxue SONG (APSCIT)

CONFERENCE SECRETARIAT

Ms. Yangjun HU (APSCIT)

Ms. Yaru WU (APSCIT)

Mr. Chenhuan HSU (APSCIT)

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Conference topics

1. *Theory, Algorithms, Programming: 305 (4), 304 (8, 9)*
2. *Database, Cloud Computing, Data Mining, Big Data: 305 (3, 19)*
3. *Communications, Networking, Security, and Internet of Things: 305 (13-18)*
4. *Multimedia, Image Processing and Recognition (Virtual Reality): 305 (11)*
5. *High Performance Computing and Intelligent Systems (AI, Robotics): 305 (6, 12), 303 (14)*
6. *Software Engineering and Applications: 305 (1, 5, 20)*
7. *Electronics (Analog/Digital Circuits, Signal Processing, System Architectures): 305 (2, 21)*

	THU, 8/22	FRI, 8/23	SAT, 8/24	SUN, 8/25
9:00 – 10:30	Pre-session technical and discussion forums on international collaboration (by invitation only)	Oral Presentation		
10:30 – 10:40		Coffee & Tea Break		
10:40 – 12:00		Oral Presentation		
12:10 – 13:00		Lunch Break		
13:00 – 14:20		Oral Presentation		
14:20 – 14:30		Coffee & Tea Break		
14:30 – 15:20		Oral Presentation	Oral Presentation	
15:20 – 17:00		Optional Excursion	Oral Presentation	
17:30 - 18:30			Poster Session	
19:00 – 20:30	Conference Reception	Optional Excursion	Conference Banquet (Approx. 1.5 hrs)	

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Presentation List

	THU, 08/22	FRI, 08/23	SAT, 08/24		SUN, 08/25
9:00 – 10:30	Pre-session technical and discussion forums on international collaboration (by invitation only)	Room 305	Room 305		23. Reserved
		1. H. CHISHIRO 2. Q.T. DUONG 3. Y.F. HSU	11. H. KAKEYA 12. M. HUANG 13. Y. SUZUKI		
10:30 – 10:40		Coffee & Tea Break			
10:40 – 12:00		Room 305	Room 305	Room 303	
		4. M. YAMASHITA 5. S. NAGASAWA 6. M. HARIYAMA	14. N. YAMANAKA 15. S. OKAMOTO 16. T. KURIMOTO	14. P.Y. HUANG	
12:10 – 13:00		Lunch Break			
13:00 – 14:20		Room 304	Room 305		
		7. Reserved 8. C.H. CHANG 9. H. KAMIYA	17. M. KANEKO 18. K.M. KO 19. P.C. HUANG		
14:20 – 14:30		Coffee & Tea Break			
14:30 – 15:20		10. Reserved	Room 305		
15:20 – 17:00		Conference Excursion	20. D.L. TRAN 21. M. KIMURA 22. Reserved		
17:30 – 18:30	Conference Registration		Poster Session		
19:00 – 20:30	Reception		Conference Banquet (Approx. 1.5 hrs)		

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Presentations for ISACIT 2019

FRIDAY 8/23

No. 305 Meeting Room

1. Towards Heterogeneous Computing Platforms for Autonomous Vehicles (H. CHISHIRO)
2. Recent Research Activities on Dynamic Wireless Charging Techniques (Q. T. DUONG)
3. AI-Cloud Computing System Managed by Deep Learning: Workload Allocation Optimizer for Power Saving in Data Centers (Y.F. HSU)
4. An efficient mathematical approach for optimal selection problems in tree breeding (M. YAMASHITA)
5. Kansei/ Affective Value for Affective Computing: Basics and Applications (S. NAGASAWA)
6. Energy-Efficient Custom Supercomputing for Intelligent Systems (M. HARIYAMA)

No. 304 Meeting Room

7. Reserved
8. Estimation of Breakpoints for Extended Efficiency Models (C.H. CHANG)
9. Dynamic control of axon excitability in the hippocampus (H. KAMIYA)
10. Reserved

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SATURDAY 8/24

No. 305 Meeting Room

11. 3D Displays and Imaging for Medical Application (H. KAKEYA)
12. Digital health needs IoT devices and IoT devices need a flexible information extraction framework (M. HUANG)
13. Creating the "Right brain" by informatization Kansei using Tactile Score (Y. SUZUKI)
14. 5G Network Application : Autonomous driving vehicle using dynamic migrated edge computer function (N. YAMANAKA)
15. Reconfigurable Communication Processor for Future Smart and Connected Community Network (S. OKAMOTO)
16. Introduction of SINET5, R&E Network for Japan (T. KURIMOTO)
17. Multi-Viewpoints vs. the Single-Version-of-the-Truth Paradigm (M. KANEKO)
18. A Retargetable Blockchain IoT(BIoT)-based Intelligent Edge-Fog Collaboration Computing Platform (K.M. KO)
19. Rethinking the Data Infrastructure for Future Computing Systems (P.C. HUANG)
20. A two-stage deep neural network for general object detection (D.L. TRAN)
21. Neuromorphic system using thin-film devices as a novel computing system (M. KIMURA)
22. Reserved

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No. 303 Meeting Room

14. Applied Medical Science: Application of Artificial Intelligence in Clinical Neurosciences (P.Y. HUANG)

POSTER SESSION

No. 305 Meeting Room

P1. Path Planning Algorithms for Autoware: Performance Trade-off Details (Y. SHIMIZU)

P2. A study on Simultaneous Wireless Information and Power Transfer Using Parallel Line Feeders for Sensor Networks (W.F. BROU)

SUNDAY 8/25

No. 305 Meeting Room

23. Reserved