

GOLDEN ACADEMY

Message from the organizers

Dear Colleagues and Friends,

2017 Conference on Intelligent Computing, Communication & Applied Technologies (CICCAT 2017) will be held in Haikou, China during Dec 24-27 2017.

CICCAT 2017 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 CICCAT 2017. Your active participation is the key to the success of this conference.



Yours Sincerely,

CICCAT 2017 Committee

Asia Pacific Society for Computing and Information Technology (APSCIT)

www.apscit.org

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Conference organizing committee

CONFERENCE CHAIRS

Prof. Yo-Sung HO (Gwangju Institute of Science and Technology)

Prof. Mengxing HUANG (Hainan University)

Prof. Jongwan KIM (Sahmyook University)

Prof. Xiuli SHAO (Nankai University)

Prof. Yu ZHANG (Harbin Institute of Technology)

CONFERENCE PROGRAM DIRECTORS

Dr. Yingxue SONG (APSCIT)

CONFERENCE SECRETARIAT

Ms. Yangjun HU (APSCIT)

Ms. Yaru WU (APSCIT)

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Conference topics

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)*

	SUN, 12/24	MON, 12/25	TUE, 12/26	WED, 12/27
9:00 – 10:20	Pre-session technical and discussion forums	Plenary Presentation		
10:20 – 10:30		Coffee & Tea Break		
10:30 – 12:00		Oral Presentation		
12:10 – 13:00		Lunch Break		Conference Excursion
13:10 – 14:40		Oral Presentation		
14:40 – 14:50		Coffee & Tea Break		
14:50 – 16:30		Oral Presentation		
17:00 – 18:30	Conference Registration		Poster Session	
19:00 – 20:30	Reception		Conference Banquet (Approx. 1.5 hrs)	

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Presentation List (No. 2 Meeting Room)

	SUN, 12/24	MON, 12/25	TUE, 12/26	WED, 12/27
9:00 – 10:20	Pre-session technical and discussion forums	1. K. H. RHEE 2. J.J. HWANG	12. L.X. LI 13. C.Y. YE	23. Reserved 24. Reserved
10:20 – 10:30		Coffee & Tea Break		
10:30 – 12:00		3. Z. MA 4. M. NISHIGUCHI 5. Y. ZHANG	14. S.B. LI 15. J.G. YAO 16. N.X. TIEN	
12:10 – 13:00		Lunch Break		Conference Excursion
13:10 – 14:40		6. T. SHIMAMURA 7. Y. YANG 8. P. AN	17. H. TOBITA 18. T. ZHANG 19. B. LIU	
14:40 – 14:50		Coffee & Tea Break		
14:50 – 16:30		9. N.C.H. VUN 10. Y.S. HO 11. H.N. TANG	20. S.K. SONG 21. S.C. KIM 22. Z.W. WANG	
17:00 – 18:30	Conference Registration		Poster Session	
19:00 – 20:30	Reception		Conference Banquet (Approx. 1.5 hrs)	

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Presentations for CICCAT 2017

MONDAY 12/25

1. Image Forensics Detector Using Deep Learning CNN (K. H. RHEE)
2. High Efficiency Screen Content Video Coding (J.J. HWANG)
3. Recent Advances in Sparse Coded Multiple Access (Z. MA)
4. Sound Source Separation and Synthesis for Audio Enhancement (M. NISHIGUCHI)
5. Perceptual Video Quality Based 3D Video Coding Optimization (Y. ZHANG)
6. Speech Enhancement Using Bone-Conducted Speech (T. SHIMAMURA)
7. Beyond Vision: from the Perspective of Coding (Y. YANG)
8. Light field imaging, compression and display (P. AN)
9. Number Theory for Applied Technologies - The Residue Number System (N.C.H. VUN)
10. Eye Gaze Correction Using 3D Affine Transformation and Image In-painting Technique (Y.S. HO)
11. Sea-Cloud Innovation Experiment Environment (H.N. TANG)

TUESDAY 12/26

12. Big Data Information Processing based on Compressive Sensing (L.X. LI)
13. Data-oriented smart services: Challenges and Opportunities (C.Y. YE)
14. Intelligent Manufacturing and Industrial Big data Technology in practice (S.B. LI)

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15. Intelligent Cloud Resource Management with Reinforcement Learning (J.G. YAO)
16. A Fast Recovery Mechanism for the Best Master Clock Algorithm in IEEE 1588 PTP (N.X. TIEN)
17. Human Augmented Design (H. TOBITA)
18. A Review on Evolutionary Computation (T. ZHANG)
19. Bayesian Computation as a Unified Framework for Information Processing under Uncertainty (B. LIU)
20. Deep Learning based Weather Event Prediction (S.K. SONG)
21. DeepTC: An Ensemble Trajectory Forecaster for Tropical Cyclone using numerical model data (S.C. KIM)
22. TBA (Z.W. WANG)

WEDNESDAY 12/27

23. Reserved
24. Reserved