

GOLDEN ACADEMY

Message from the organizers

Dear Colleagues and Friends,

2016 International Conference for Top and Emerging Computer Scientists (IC-TECS 2016) will be held in GIS TAIPEI TECH Convention Center, Taipei, Taiwan, during Dec 22-25 2016.

IC-TECS 2016 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 IC-TECS 2016. Your active participation is the key to the success of this conference.



Yours Sincerely,

IC-TECS 2016 Committee

Asia Pacific Society for Computing and Information Technology (APSCIT)

www.apscit.org

GOLDEN ACADEMY

Conference organizing committee

CONFERENCE CHAIRS

Prof. Shih-Hau FANG (Yuan Ze University)

Prof. Cheng-Hong CHO (National Taiwan University)

Prof. Han-Chieh CHAO (National Dong Hwa University)

Prof. Chia Hung YEH (National Sun Yat-sen University)

Prof. Taoi HSU (Shih Hsin University)

Prof. Shiu-Ku WENG (National Defense University)

Prof. Yu-Lin SONG (Asia University)

Prof. Yuan-Jen CHANG (Central Taiwan University of Science and Technology)

CONFERENCE PROGRAM DIRECTORS

Dr. Yingxue SONG (APSCIT)

CONFERENCE SECRETARIAT

Ms. Yangjun HU (APSCIT)

Ms. Yaru WU (APSCIT)

GOLDEN ACADEMY

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)*

	THU, 12/22	FRI, 12/23	SAT, 12/24	SUN, 12/25
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	Conference Banquet (Approx. 1.5 hrs)		
19:00 – 20:30				
20:30 – 22:00	Reception			

GOLDEN ACADEMY

Presentation List (No. 203 Meeting Room)

	THU, 12/22	FRI, 12/23	SAT, 12/24	SUN, 12/25
9:00 – 10:20	Pre-session technical and discussion forums	1. K. NAGAO 2. M. KIMURA	12. S.H. FANG 13. Y. OHTERA	23. C.Y. YANG 24. S. KAJIOKA
10:20 – 10:30		Coffee & Tea Break		
10:30 – 12:00		3. R.S. CHANG 4. H. SAMANI 5. C.Y. HUANG	14. J.M. GUO 15. H. WASHIZAKI 16. T. SAKAGUCHI	25. Y.H. LAI 26. W.P. FANG 27. W.E. CHEN 28. H.K. PAO
12:10 – 13:00		Lunch Break		Conference Excursion
13:10 – 14:40		6. Y. TSAO 7. K. SAHO 8. H.Y. CHANG		
14:40 – 14:50		Coffee & Tea Break		
14:50 – 16:30		9. W.M. MA 10. C.C. KAO 11. H. SALHI		
17:00 – 18:30	Conference Registration	Conference Banquet (Approx. 1.5 hrs)		
19:00 – 20:30				
20:30 – 22:00	Reception			

GOLDEN ACADEMY

Presentations for IC-TECS 2016

FRIDAY 12/23

1. Smart Learning Environment for Discussion and Presentation Skills Training (K. NAGAO)
2. Brain-type Integrated System using Thin-Film Devices (M. KIMURA)
3. The future of IoT (R.S. CHANG)
4. Affective Cognitive Computing in Robotics (H. SAMANI)
5. Supporting Low Latency And Ultra Reliability Traffic Flows In Next Generation Wireless Networks (C.Y. HUANG)
6. Deep Learning Based Robust Automatic Speech Recognition in IOT Paradigms (Y. TSAO)
7. Micro-Doppler Radar Signal Processing for Human Gait Recognition (K. SAHO)
8. Organizational Change Management in Non-Governmental Organization (Plan International Vietnam) (H.Y. CHANG)
9. Study of Business Requirement Analysis in Electronic Commerce Website (W.M. MA)
10. Energy and Channel Models for Reliable Routing Protocols on the Internet of Underwater Things (C.C. KAO)
11. A Wireless Multi-parameter Sensor Networks for Urine Quality Analysis (H. SALHI)

SATURDAY 12/24

GOLDEN ACADEMY

12. Indoor fingerprinting-based localization (S.H. FANG)

13. GPGPU and FPGA computation of FDTD method for the analysis of nanophotonic structures (Y. OHTERA)

14. Advances on Image Retrieval: Fusion Structure with Compression, Halftoning, and Deep Learning (J.M. GUO)

15. Recovery of Traceability Links and Behavior Models for Software Maintenance (H. WASHIZAKI)

16. On a Modification of Network Coding for Quasi-static Process in Dynamical Systems (T. SAKAGUCHI)

SUNDAY 12/25

23. The Secure Cooperative Communication System (C.Y. YANG)

24. Evaluation of RSSI-based Indoor Localization by Bluetooth LE Beacons (S. KAJIOKA)

25. Performance improvement for assistive hearing devices based on the machine learning technology (Y.H. LAI)

26. An Meta Framework Designing For Auto Video Retargeting (W.P. FANG)

27. TBA (W.E. CHEN)

28. TBA (H.K. PAO)