GOLDEN ACADEMY

Message from the organizers

Dear Colleagues and Friends,

2019 Conference on Intelligent Computing, Communication & Applied Technologies (CICCAT 2019) will be held in Shanghai, China during December 22-25 2019.

CICCAT 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 CICCAT 2019. Your active participation is the key to the success of this conference.

Yours Sincerely,

CICCAT 2019 Committee

Asia Pacific Society for Computing and Information Technology (APSCIT)

www.apscit.org

APSCIT

GOLDEN ACADEMY

Conference organizing committee

CONFERENCE CHAIRS

Prof. Xiaolong LI (Hunan University of Technology and Business)

Prof. Bing WANG (Anhui University of Technology)

Prof. Guoyue CHEN (Akita Prefectural University)

Prof. Jianmin ZHENG (Nanyang Technological University)

Prof. Huaming WU (Tianjin University)

CONFERENCE PROGRAM DIRECTORS

Dr. Yingxue SONG (APSCIT)

CONFERENCE SECRETARIAT

Ms. Yangjun HU (APSCIT)

Ms. Yaru WU (APSCIT)

Ms. Ai CHUNG (APSCIT)

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Conference topics

1. Theory, Algorithms, Programming (5, 8)
2. Database, Cloud Computing, Data Mining, Big Data
3. Communications, Networking, Security, and Internet of Things (2, 10, 11)
4. Multimedia, Image Processing and Recognition (Virtual Reality) (1, 3, 4, 6, 7, 13)
5. High Performance Computing and Intelligent Systems (AI, Robotics) (12)
6. Software Engineering and Applications (9)
7. Electronics (Analog/Digital Circuits, Signal Processing, System Architectures)

<table>
<tr><th></th><th>SUN, 12/22</th><th>MON, 12/23</th><th>TUE, 12/24</th><th>WED, 12/25</th></tr>
<tr><td>9:00 – 10:20</td><td rowspan="3">Pre-session technical and discussion forums on international collaboration (by invitation only)</td><td colspan="3">Oral Presentation</td></tr>
<tr><td>10:20 – 10:30</td><td colspan="3">Coffee & Tea Break</td></tr>
<tr><td>10:30 – 12:10</td><td colspan="3">Oral Presentation</td></tr>
<tr><td>12:10 – 13:00</td><td rowspan="4"></td><td colspan="2">Lunch Break</td><td rowspan="7">Conference Excursion</td></tr>
<tr><td>13:10 – 14:50</td><td colspan="2">Oral Presentation</td></tr>
<tr><td>14:50 – 15:00</td><td colspan="2">Coffee & Tea Break</td></tr>
<tr><td>15:00 – 16:00</td><td rowspan="3"></td><td>Oral Presentation</td></tr>
<tr><td>16:30 –17:30</td><td>Conference Registration</td><td>Poster Session</td></tr>
<tr><td>18:00 –19:30</td><td>Conference Reception</td><td>Conference Banquet (Approx. 1.5 hrs)</td></tr>
</table>

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Presentation List (No. 2 Meeting Room)

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<tr><td>9:00
–
10:20</td><td rowspan="3">Pre-session technical and discussion forums on international collaboration (by invitation only)</td><td>1. W.Q. SHEN
2. Y.C. SEI</td><td>8. D.W. QIU
9. X. DU</td><td>16. Reserved
17. Reserved</td></tr>
<tr><td>10:20
–
10:30</td><td colspan="3">Coffee & Tea Break</td></tr>
<tr><td>10:30
–
12:10</td><td>3. K. PENG
4. B. LIN
5. L. WANG</td><td>10. Y.B. ZHAO
11. W.J. LI</td><td>18. Reserved
19. Reserved</td></tr>
<tr><td>12:10
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14:50</td><td>6. X.Q. WU
7. Y.M. WANG</td><td>12. H.T. LU
13. A.Z. WANG</td></tr>
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GOLDEN ACADEMY

MONDAY 12/23

Meeting Room No. 2

1. Introduction to Changeable Degree Splines (W.Q. SHEN)
2. Privacy-preserving IoT data mining (Y.C. SEI)
3. Mobile Edge Computing: Focusing on Service Adoption and Provision (K. PENG)
4. Cost-Driven Offloading for DNN-based Applications over Cloud, Edge and End Devices (B. LIN)
5. Optimizing Design for JSCC Based on Double Protograph LDPC Codes (L. WANG)
6. Feature-aware variaitional geometric modeling (X.Q. WU)
7. Applications of immersive visualization for brain research (Y.M. WANG)

TUESDAY 12/24

Meeting Room No. 2

8. Hybrid quantum-classical computing: A distributed semi-quantum computing model with application in phase estimation (D.W. QIU)
9. Understanding and Optimizing Learning in Smart Learning Environment (Xu DU)
10. Intelligent Abnormal Signal Detection for Smart City in 5G Era (Y.B. ZHAO)
11. Trust-enabled market-oriented cloud service management framework and mechanisms based on Agent (W.J. LI)

12. Encoder-decoder architectures in deep learning (H.T. LU)
13. Non-uniform B-spline wavelets based multi-resolution analysis of NURBS curves and surfaces (A.Z. WANG)
14. Reserved
15. Reserved

POSTER SESSION

P1. Proposal of activity recognition with stationary odor sensors for observing the health condition of the elderly (K. FUEKI)

P2. Proposal of activity recognition based on rules of occurrence relations between daily activities (R. OZAWA)

P3. A Study on Metastasis Diagnosed with Breast Cancer WSI Images by Using Two Convolutional Neural Networks (G.Y. CHEN)

WEDNESDAY 12/25

Meeting Room No. 2

16. Reserved
17. Reserved