



Technically Co-Sponsored by
IEEE
computer
society



2016 8th International Conference on Information Technology in Medicine and Education

ITME 2016 CALL FOR PAPERS

Fuzhou, China, Dec. 23-25, 2016

<http://www.itme.org.cn>

ITME 2016 is the 8th International Conference on Information Technology in Medicine and Education, and will be held on December 23-25, 2016, in Fuzhou, China.

The conference this year is technically Co-Sponsored by IEEE Computer Society, and Sponsored by Fujian University of Traditional Chinese Medicine, University of Texas at San Antonio (UTSA), University of Technology Sydney, Iwate Prefectural University, Shandong Normal University, Xiamen University, Fuzhou University, China Jiliang University, Hunan University of Humanities, Science and Technology, and Co-Sponsored by Lanzhou University, Henan University of Technology, Wuhan University of Technology, East China Normal University, Birmingham City University, University of Southern Queensland.

We invite submissions of papers presenting a high-quality original research and development for the conference tracks. Accepted papers will be published in the conference proceeding by IEEE Computer Society, and will be submitted to IEEE Xplore & EI Database. At least one of the authors of any accepted paper is requested to register and present the paper at the conference. Extended versions of selected excellent papers will be considered for fast-track publication in special issues of prestige journals (SCI indexed).

The major topics include, but not limited to:

IT in Medicine

1. IT Application in Medicine Education
2. Medical Image Processing & compression
3. CT,MRI,PET,SPECT image acquisition and analysis
4. e-Health and e-Hospital
5. Tele-medicine and Tele-surgery
6. Standard in Health Informatics and cross-language solution
7. Computer-Aided Diagnostic (CAD)
8. Health informatics education
9. Biomechanics, modeling and computing
10. Digital Virtual Organ and Clinic Application
11. Three Dimension Reconstruction for Medical Imaging
12. Hospital Management Informatization

IT in Education

1. Architecture of Educational Information Systems
2. Building and Sharing Digital Education Resources on the Internet
3. Collaborative Learning/Training
4. Computer Aided Teaching and Campus Network Construction
5. Curriculum Design and Development for Open/Distance Education
6. Digital Library
7. e-Learning Pedagogical Strategies
8. Ethical and Social Issues in Using IT in Education
9. Innovative Software and Hardware Systems for Education and Training
10. Issues on University Office Automation and Education Administration Management Systems
11. Learning Management Information Systems
12. Managed Learning Environments

13. Construction of Medical Database
14. Medical Knowledge Mining
15. IT and Biomedicine
16. IT and Clinical Medicine
17. IT and Laboratory Medicine
18. IT and Preclinical Medicine
19. IT and Medical Informatics

13. Multimedia and Hypermedia Applications and Knowledge Management in Education
14. Pedagogical Issues on Open/Distance Education
15. Plagiarism Issues on Open/Distance Education
16. Security and Privacy issues with e-learning
17. Software Agents and Applications in Education
18. Synchronous Translation/Authoring Technologies
19. Web Based Systems for Education

Big Data and It' s Application in Medicine & Education

1. Traditional Chinese Medicine Healthcare Management based on Big Data
2. Bio-medical and healthcare services and applications based on big data
3. Big data research and project experience in bio-medical and health care application services
4. Big data research applications and service systems in hospitality, education, transportation and urban planning
5. Big data research application and service systems in multi-media and social networking.
6. Innovative, concurrent, and scalable big data intelligence analysis
7. Big data knowledge extraction, discovery, analysis, presentation, and visualization
8. Big data knowledge integration, merging, migration, and transformation
9. Big data based reference, ranking, decision making, and prediction
10. Big data knowledge indexing, classification, sharing, and assembly
11. Big data knowledge-based open-source development and technology
12. Big data based knowledge system development and tools

Other related theories, Technologies and applications

Important Dates

Full paper submission: September, 30, 2016

Notification of acceptance: October, 15, 2016

Final papers submissions: November, 5, 2016

Final registration: November, 5, 2016

Paper Submission

Prospective authors are encouraged to submit a full paper for review before September, 30, 2016, in PDF or Word format. Each paper should be written in English. Your paper must be formatted according to the IEEE template files. Regular papers are allowed to 5 pages, extra pages will incur additional charges. Submission of a paper should be regarded as an undertaking that, should the paper be accepted, at least one of the authors will attend the conference to present the paper. Please submit your papers by using the online submission system:

<http://www.itme.org.cn/submission.asp>

General Chairs

Candong Li, Fujian University of Traditional Chinese Medicine, China

Hong Liu, Shandong Normal University, China

Qun Jin, Waseda University, Japan

General Co-Chairs

Bin Hu, Lanzhou University, China

Jinjun Chen, University of Technology, Sydney, Australia

Qi Tian, University of Texas at San Antonio, USA

Program Committee Chairs

Shaozi Li, Xiamen University, China

Ying Dai, Iwate Pref. University, Japan

Xiangwei Zheng, Shandong Normal University, China

Xiaopeng Sun, Liaoning Normal University, China

Organizing Committee Chairs

Xuemei Yang, Fujian University of Traditional Chinese Medicine, China

Dongsheng Zhao, Academy of Military Medical Sciences, China

Ruliang Xiao, Fujian Normal University, China

Huijuan Lu, China Jiliang University, China

Publication Chair

Shaozi Li, Xiamen University, China

Mingzhi Chen, Fuzhou University, China

Yun Cheng, Hunan University of Humanities, Science and Technology, China

Publicity Chairs

Changen Zhou, Fujian University of Traditional Chinese Medicine, China

Neil Y. Yen, University of Aizu, Japan

Ruiyu Li, Second Affiliated Hospital of Xingtai Medical College, China

Advisory Committees

Zongkai Lin, Institute of Computing Technology, Chinese Academy of Science, China

Jinjun Chen, University of Technology, Sydney, Australia

Xiaohong Jiang, Future University Hakodate, Japan

Ramana Reddy, West Virginia University, USA

Dongqing Xie, Guangzhou University, China

Mengrong Xie, Qinghai University, China

Laurence T. Yang, St. Francis Xavier University, Canada

Zhimin Yang, Shandong University, China

Jianming Yong, University of Southern Queensland, Australia

Guilin Chen, Chuzhou University, China

Contact

The secretary of ITME2016

Ms: Xi Tian

Tel: +86-15692157799

Email: itme@vip.163.com