



2018 9th International Conference on Information Technology in Medicine and Education

ITME 2018 CALL FOR PAPERS

Oct. 19-21, Hangzhou, Zhejiang, China

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ITME 2018 is the 9th International Conference on Information Technology in Medicine and Education, and will be held on October 19-21, Hangzhou, Zhejiang, China. The conference this year is Sponsored by China Jiliang University, Zhejiang University, Zhejiang provincial natural science foundation, Fujian University of Traditional Chinese Medicine, University of Texas at San Antonio (UTSA), Swinburne University of Technology, Australia, Iwate Prefectural University, Shandong Normal University, Xiamen University, Fuzhou 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. 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. Artificial intelligence (AI) enhanced medical diagnosis
2. Medical image processing & compression
3. CT, MRI, PET, SPECT image acquisition and analysis
4. e-Health and e-Hospital
5. Machine learning technologies in medical services
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 clinical application
11. Three dimension reconstruction for medical imaging
12. Hospital information management
13. Construction of medical database
14. Data mining in medical applications
15. Big medical data analysis and processing

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. Automated Education Systems
11. Learning Management Information Systems
12. Managed Learning Environments
13. Multimedia and Hypermedia Applications and Knowledge Management in Education
14. Artificial Intelligence (AI) Technologies in Educational System
15. Plagiarism Issues on Open/Distance Education
16. Security and Privacy issues with e-learning
17. Software Agents and Applications in Education
18. Machine Learning and Data Mining Applications in Education
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 in Industry and Agriculture
5. Big data research applications and service systems in hospitality, education, transportation and urban planning
6. Big data research application and service systems in multi-media and social networking
7. Innovative, concurrent, and scalable big data intelligence analysis
8. Big data knowledge extraction, discovery, analysis, presentation, and visualization
9. Big data knowledge integration, merging, migration, and transformation
10. Big data based reference, ranking, decision making, and prediction
11. Big data knowledge indexing, classification, sharing, and assembly
12. Big data knowledge-based open-source development and technology
13. Big data based knowledge system development and tools
14. Distributed systems in medical and healthcare services
15. Cloud computing in medical and healthcare services
16. Machine learning theories and applications for medical and healthcare services
17. Artificial intelligence (AI) in medical and healthcare services
18. Deep learning technologies and applications for medical and healthcare services
19. Machine learning, data mining and image processing algorithms for big data

Other related theories, Technologies and applications

Important Dates

Full paper submission: June 30, 2018 Notification of acceptance: July 30, 2018
 Final papers submissions: August 20, 2018 Final registration: August 20, 2018

Paper Submission

Prospective authors are encouraged to submit a full paper for review before June 30, 2018, 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>

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