



SCOPE

Dependable Medicine using advanced Information and Communication Technology (ICT) based on Regulatory Science (RS) is the focus of the 10th International Symposium on Medical Information and Communication Technology (ISMICT 2016). ISMICT 2016 aims to establish a forum to present new research and development results, exchange ideas, discuss practices, and share experiences among Technology and Medicine sides including healthcare, wellness, clinical therapy, and surgery as well as ICT, mechanical, and biomedical engineering. Moreover, activities of standard, regulation, and business for medical ICT devices, systems and services will be promoted by local, national, and global government and industry. ISMICT 2016 will be held in Worcester Polytechnic Institute, Worcester, Massachusetts, United States, 20-23 March 2016. Papers are invited on topics including, but not limited to, the following:

1. CPS for medical applications
2. BAN technology (PHY, MAC, protocols)
3. Antennas and radio propagation for wireless BAN
4. Medical BAN applications and services
5. Wearable and implantable devices
6. E-Health systems and electronic medical records
7. Hospital data networks and wireless hospital
8. Privacy and Security issues
9. Pervasive health care and patient monitoring
10. Medical imaging and patient diagnostic systems
11. Human body communication
12. Preventive care & remote patient management
13. Radio coexistence and robustness
14. Cognitive radio for wireless BAN
15. Telemedicine, tele-monitoring, tele-surgery
16. Wellness and sports training
17. Rehabilitation and activity monitoring
18. Wireless healthcare, homecare and welfare
19. Medical device regulatory science

Selected extended versions of accepted papers will be considered for a Special Issue of Scholarly International Journals.

PAPER SUBMISSION

Prospective authors are invited to submit full papers of up to 5 pages). Accepted papers will be included in the IEEE Xplore. The review process is according to the following schedule. ISMICT 2016 and is scheduled for 20-23 March 2016 at Worcester Polytechnic Institute, Worcester, Massachusetts:

January 15, 2016	Paper submission deadline (<i>extended</i>)
February 29, 2016	Paper acceptance notice (<i>extended</i>)
March 7, 2016	Camera-ready paper due (<i>extended</i>)

ORGANIZATION

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Kaveh Pahlavan, CWINS/WPI, Worcester, MA
Vahid Tarokh, Harvard University, Cambridge, MA

ISMICT Advisors:

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ABOUT WORCESTER

Worcester is a college town located in the west of Boston with over 35000 students in ten colleges and universities. Due to its location in Central Massachusetts it is known as the "Heart of New England". The Worcester Polytechnic Institute, established in 1865, is the third historical polytechnic in the US. The university has invested \$110 million dollars in investment for promotion of biotechnology and life sciences to nurture advanced education and startup companies in this field. The school is also known for its pioneering project based education suited for multi-disciplinary research and education.

SPONSORS

ISMICT 2016 is co-sponsored by Worcester Polytechnic Institute (WPI); The Center of Wireless Information Networks Studies (CWINS), Department of Electrical and Computer Engineering, College of Engineering, WPI; Patrons: The University of Oulu, CWC-Nippon, Yokohama National University, MICT and the following IEEE technical co-sponsors: IEEE Communications Society Chapter of the IEEE Worcester County Section; IEEE Worcester County Section; Consultants Network of the IEEE Worcester County Section; and IEEE-USA.

