Medical CPS Events

Submitted by akarns on Wed, 09/30/2015 - 2:26pm

Workshops

7th IEEE RAS/EMBS International Conference on Biomedical Robotics and Biomechatronics (BIOROB 2018)

BioRob covers both theoretical and experimental challenges posed by the application of robotics and mechatronics in medicine and biology.

40th International Engineering in Medicine and Biology Conference (EMBC 2018)

The theme of the meeting, held July 17-21, 2018 in Honolulu, is "Learning from the Past, Looking to the Future", inspired by the 40th anniversary of the world's largest international biomedical engineering meeting.

Medical Cyber-Physical Systems Workshop Series on Medical Device Interoperability, Safety, & Security Assurance

The Medical CPS workshop series provides a forum for the presentation of research and development covering all aspects of High Confidence Medical Devices, Software, and Systems (HCMDSS), which are essential to support innovative, networked Medical Device (MD) systems to improve safety and efficiency in health care.

2007 | 2009 | 2011 | 2013 | 2014 | 2015

2014 NSF National Workshop on Research Frontiers in Medical CPS

The goal of the workshop was to identify research directions and opportunities that, if pursued, can initiate new developments in medical instrumentation, technologies, and approaches to maintaining health and wellbeing, and treating illnesses.
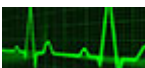
2010 Workshop on Medical Device Interoperability: Achieving Safety and Effectiveness

The Food and Drug Administration (FDA) Center for Devices and Radiological Health, in co-sponsorship with Continua Health Alliance and the Center for Integration of Medicine & Innovative Technology (CIMIT) held a public workshop entitled "Medical Device Interoperability: achieving safety and effectiveness." The purpose of the workshop was to facilitate discussion among FDA, industry, academia, professional societies, clinical investigators and other interested parties on issues related to safe and effective interoperable medical devices.

2007 Workshop on Software and Systems for Medical Devices and Services (SMDS)

The 2007 Workshop on SMDS was held on December 3, 2007 in Tucson, Arizona as part of the 28th IEEE Real-Time Systems Symposium.

Workshop on High Confidence Medical Devices Software, and Systems (HCMDSS) Research and Roadmap

The purpose of the HCMDSS workshop was to provide an open, working forum for leaers and visionaries concerned with medical devices from industry, research laboratories, academia, and government with the goal of developing a

roadmap to overcome crucial medical device software and systems issues and challenges facing the design, manufacture, certification, and use of medical devices..

Operating Room of the Future: Developing a Plug-and-Play Open Networking Standard

Initially called OR of the Future "Plug-and-Play" or "ORG PnP", and renamed the Medical Device "Plug-and-Play" Interoperability Program or "MD PnP" to more accurately reflect the scope of the work.