

Medical Communications Forum : Medical Communications - Technologies and Challenges

Webcast Type:

Forum

[2011 IEEE Global Communications Conference](#)

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Organizer: Charles Willis, University of Texas MD Anderson Cancer Center, USA

Like many other industries, the 21st century healthcare industry is highly dependent on information technology. Healthcare somewhat differs from other industries in special requirements for privacy, unique regulations by federal, state, and local authorities, and in the possibility of particularly dire consequences in the event of failures of the technology. The healthcare industry is not a large enough market force to drive technological changes, but rather leverages technological advancements from industries, such as the consumer electronics industry, the telecommunications industry, and the banking industry. This forum will discuss the medical informatics, imaging informatics, the concept of the electronic medical record, and the central role that informatics plays in the synthesis of imaging information and in the development and monitoring of treatment.

Moderator: Charles E. Willis, Associate Professor, Department of Imaging Physics, UT M. D. Anderson Cancer Center. Houston

Topic 1: "Medical Informatics: a 40,000 foot view." Jiajie Zhang, PhD, Dr. Doris L. Ross Professor

and Associate Dean for Research, Director, National Center for Cognitive Informatics and Decision Making in Healthcare, School of Biomedical Informatics, University of Texas Health Science Center at Houston

Topic 2: “Imaging Informatics”. Charles E. Willis, PhD, Associate Professor, Department of Imaging Physics, UT M. D. Anderson Cancer Center. Houston

Topic 3: “The Electronic Medical Record”. Charles Sutor, MS, Director, Electronic Medical Records, EMR Development & Support, UT M. D. Anderson Cancer Center. Houston

Topic 4: “How informatics enables the modern practice of Radiology”. Kevin W. McEnery, MD, Professor, Department of Diagnostic Imaging, UT M. D. Anderson Cancer Center. Houston

Panel Discussion: All

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