Number	T - 07
Name	Digital Health Initiatives

Co-Chairs			
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Descripton

Advances in healthcare information technologies (HIT), electronic health (e-health), telemedicine, and mobile health (m-health) applications among many others have resulted in an ever increasing digitization of traditional healthcare delivery as well as individual management of one's own health. Subsequently, this track seeks to focus on how information systems have created the electronic environment that serves as the global gateway for (1) healthcare professionals, (2) patients, and (3) non-healthcare profession caregivers. Clearly, professional healthcare providers are seeing dramatic shifts in how, when, and where services are delivered as well as to whom, while also changing the nature of healthcare professions as a whole. Providers are also seeing increased adoption and use of technology plays a greater role in all aspects of their work. Similarly, patients, and their caregivers, are beginning to see the growing use of information systems related to healthcare (1) transforming their ability to more actively participate in the management of their health and care delivery through advanced monitoring and sensing technologies; (2) enabling greater access to individual electronic medical records, detailed medical information from across the globe, and a growing pool of data related to evidence-based healthcare outcomes; (3) affording them access to previously unavailable knowledge and services through telemedicine and advanced communications technologies; and finally (4) enabling their growing access to support groups and knowledge sharing through social media initiatives. Patients are further extending their working years beyond past expectations while still seeing improvements in the quality of their personal life. Similarly, the growing electronic environment enabled by information systems within the healthcare sector affords caregivers ever-expanding options and opportunities to better serve loved ones, at a lower expense to their own work and daily lives.

Topics of Interest

Possible topics include, but are not limited to:

- Adoption and diffusion issues
  Community health information networks
- Data driven outcome-based healthcare
- Digital divide and HIT
- Health focused social media
- Human technology interactions in HIT
- Internet/intranet applications (e.g. medical protocols, patient information, online medical records, etc.)
- IT health policy
- Patient privacy and data security
  Patient safety
  Sensing and monitoring HIT

	• Serious gaming in healthcare • Standardization of health information interchange Telemedicine • Workflow management in healthcare settings.
Track Associate Editors	List of Track Associate Editors