Track 9: Digital Health Initiatives

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Description

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 digitization has impacted both the work and daily lives of three groups, (1) healthcare professionals, (2) patients, and (3) non-healthcare profession caregivers. Clearly, the work lives of 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 various healthcare professions as a whole. Providers are also seeing their own everyday lives change as the 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 digitization of healthcare (1) transform the ability to more actively participate in the management of individuals’ health and care delivery through advanced monitoring and sensing technologies; (2) enable greater access to individual digital medical records, detailed medical information from across the globe, and a growing pool of data related to evidence-based healthcare outcomes; (3) afford them access to previously unavailable knowledge and services through telemedicine and advanced communications technologies; and (4) enable growing access to support groups and knowledge sharing through social media initiatives. Patients are further able to continue in their own work lives, which in cases have been extended years beyond past expectations, while still seeing the quality of their own personal lives improve. Similarly, the digitization of 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
- Health focused social media
- Human technology interactions in
- 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
- Serious gaming in healthcare
- Standardization of health information interchange
- Telemedicine
- Workflow management in healthcare settings

Sponsorship

This track is supported by the Association for Information Systems’ Special Interest Group on Healthcare, with SIG officers serving as Track Co-chairs and Associate Editors. Additionally, Health Policy and Technology will publish a selection of papers from the track.

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