25. IEEE SİNYAL İŞLEME ve İLETİŞİM UYGULAMALARI KURULTAYI

15-18 MAYIS 2017

MARITIM PINE BEACH RESORT BELEK • ANTALYA / TÜRKİYE

SPECIAL SESSION
HEALTHCARE INFORMATICS

Healthcare Informatics is a multidisciplinary scientific discipline operating at the intersection of information technology, social sciences, behavioral science and health services.

Especially in the last years Information Technology (IT) has become ubiquitous and is changing every aspect of healthcare sector as well as the other sectors.

In this new emerging research area, techniques, methods, applications and devices are continuously developed to be used for the acquisition, storage, processing, analysis, standardization and optimization of every process in the health sector.

The general purpose of the conference is to bring together researchers, academicians and sector employees from different fields and disciplines and provide them an independent platform to exchange information on their researches, ideas and findings. It is also aimed to encourage debate on how information technology can effectively support the healthcare in terms of diagnosis, treatment and population health, and to develop a common understanding for research conducted in this multidisciplinary field.

Topics of interest include, but are not limited to, the following:

- Healthcare Information Systems
  - o Medical Imaging Systems
  - o Medical Applications
  - o Mobile Solutions
- Pervasive Healthcare Information Systems and Services
  - o Sensor nodes
  - o Wearable health information
  - o Information solutions developed for the disabled
- Process Management in Health Informatics Systems
- Health Decision Support Systems
- Healthcare Data
  - o Health data collection and analysis
  - o Problems in health data processing
  - o Protection and security of personal health data
  - o Electronic health records and standards
- E-health applications
  - o E-health solutions in Turkey
  - o Public health information applications

For more information