



## The International Symposium on Health Informatics (HInfo 2018)

in association with

15th International Conference on  
Information Technology : New Generations

**ITNG 2018**

April 16-18, 2016, Las Vegas, Nevada, USA

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**Amjad Gawanmeh**, Khalifa University, UAE.

**Junaid Chaudhry**, Security Research Institute, Edith Cowan University, Australia.

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### Scope:

Health Informatics present complex and challenging issues to computer scientists, social scientists, law experts and policy makers. Appropriate healthcare informatics provisioning involves processing specialized user centric knowledge that is private and of sensitive nature. Electronic health record systems provide opportunities for information sharing which promise improving healthcare services, for both healthcare providers and healthcare seekers. However, appropriate information management measures are essential for privacy preservation and reliability.

Traditional measures may not be suitable to eHealth systems because in eHealth systems, the roles of all stakeholders are not well defined. Healthcare professionals require ready access to as much information as possible to support informed decision making. However, patients may want to exercise control over the entities granting controlled access to their personal health information, with particular concerns for information privacy. Balancing these competing concerns is a major challenge in the implementation of successful e-Health systems.

This workshop will focus on the major challenge in Health Informatics. We seek papers addressing the following issues in e-Health systems, but are not limited to

- Role of Big Data in eHealthcare
- Role of Internet of Things in eHealthcare
- Access Control
- Vulnerability assessment
- Mobile Identity management
- Authentication, security access policies
- Privacy-respecting Authentication
- Privacy issues in the Internet of Things
- Privacy issues in wireless networks
- Security Management of M2M network
- Testing and verification of eHealth
- Simulation based methods in eHealth
- Security and Privacy issues in eHealth
- Formal methods in eHealth
- Verification of eHealth software and equipment
- Performance evaluation of eHealth systems
- Open issues, surveys on eHealth
- Secured network architectures for eHealth
- eHealthcare Forensics and Investigation
- Remote and wireless-based Biometrics system
- Mobile malware
- Mobile botnets
- Security and privacy issues in Smartphones
- Intrusion and fraud detection
- Socio-economic issues

### Paper Submission

Authors should submit a 6-page version of their original and unpublished work including 5 keywords in the suggested format to their respective track/session chair electronically, in the PDF or Word format. Papers that do not fit the scope of any of the existing sessions, should be submitted to the ITNG General Track. Per ITNG policy, all papers will be reviewed by at least two independent reviewers. Accepted papers will be included in the conference proceedings. Selected papers presented in the conference will be considered for publication in a special issue of an international journal, [Click here](#).

If electronic submission is not possible for some reasons, contact respective track Session chair or the General Chair via [latifi@itng.info](mailto:latifi@itng.info)

### Evaluation Process

Papers will be evaluated for originality, significance, clarity, and soundness. Per ITNG policy, except for invited papers, all papers will be reviewed by at least two independent reviewers. Accepted papers will be published in the conference proceedings with an ISBN.

### Important Dates

Paper Submission: Oct. 13, 2017

Acceptance Notification: Dec. 22, 2017

Advance Registration: Jan. 12, 2018

Camera Ready Submission: Jan. 12, 2018