IEEE EMBS & CS Evening Lecture with Dr Sasan Adibi, Deakin University

Telemedicine and Remote Monitoring – A Smartphone Perspective

ABSTRACT

The capabilities of smartphones and their platforms will play major roles in driving the practicality of Mobile Health (mHealth) applications, which are expected to impact prevention and treatment methods in diverse medical fields. These emerging mobile applications will require 4G mobile networks (and beyond) for biomedical data transport, including establishing, maintaining, and transmitting health-related information, research, education, and training. This presentation opens the concept of mHealth from an end-to-end perspective, covering biomedical applications, Quality of Service (QoS), security, and cloud computing requirements, including current and future directions.

SPEAKER

Sasan Adibi (BS'95, MS'99, MS'05, PhD'10, SMIEEE'11) has a PhD degree in Communication and Information Systems from University of Waterloo, Canada and is the recipient of the best PhD thesis award from the IEEE Society. He is currently involved in the research, design, implementation, and application of Electronic Health (eHealth) and Mobile Health (mHealth). Sasan's research publication background is mostly in the areas of Quality of Service (QoS), Security, and eHealth/mHealth. He is the first author of 50+ journal/conference/book chapter/white paper publications and is a co-editor of four books, two of which are in the areas of mHealth and the other two books are in the areas of 4th Generation Mobile Networks and QoS. He is an inventor/co-inventor of 4 patents in the areas of Health Informatics. He has 9+ years of strong industry experience, having worked in a number of high-tech companies, including: Nortel Networks, Siemens Canada, BlackBerry Corp., WiMAX Forum, and Huawei Technologies. He is the founder and managing director of Cyber Journals and serves as Cyber Journals Health Informatics Associate Editor. He served as a Vice Chancellor Research Fellow at Royal Melbourne Institute of Technology (RMIT) at the Department of Business IT and Logistics for two years. He is currently a lecturer in the School of Information Technology at Deakin University.
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EVENING LECTURE

Venue: RMIT, Swanston St., Melbourne
Building 10, level 8, room 20

Time: 5:30pm refreshments for 6:00pm start

Date: Thursday 4th June, 2015

All welcome. For catering purposes, please register at:

https://www.eventbrite.com.au/e/telemedicine-and-remote-monitoring-a-smartphone-perspective-tickets-17114007457

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