

RESEARCH STUDENTS' SEMINAR SERIES

Monday 21 December 2015
10:00 – 11:00

SEERC Conference Room
3rd Floor Strategakis Bldg

“Wireless monitoring systems for enhancing national health services in developing regions”

By

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ABSTRACT

The healthcare sector has increased pressure towards improving the quality of care delivered to patients, especially considering new technological advances. The application of digital technology, like sensor-based applications, can help to monitor patients diagnosed with diseases that need constant treatment and management such as chronic diseases in developing regions. An initial investigation has been conducted on the phases that should be followed in order to propose a new, efficient, and cost-effective sensor-based architecture. This is driven also from some preliminary results from literature based- cost analysis, that shows how the actual living costs in a developing region, such as Kosovo, exceed the minimum expenses that chronic diseases impose. Following the potential of a positive impact of sensor-based platforms for monitoring chronic conditions, next stages of the research will focus on investigating user's perception of sensor applications for continuous monitoring of chronic conditions.

The seminar series is open to all members of *staff* and *students* of CITY and to any *externals* that wish to attend.

