**Call for papers on “Ambient Assisted Living Technologies based on Internet of Things”**

**Kostas Giokas,** kgiokas@biomed.ntua.gr

Senior Researcher – Leader AiM Research Team

Biomedical Engineering Laboratory

Institute of Communications and Computer Systems

National Technical University of Athens

**Objective and Motivation**

As computing power is dropping in price and new sensors are being developed the world of Internet of Things is ever growing in an unprecedented pace. Sensors are getting smaller in size and are being incorporated in all sorts of everyday objects measuring several parameters, producing heaps of data while at the same time create opportunities for data-centric businesses to spawn.

The Ambient Assisted Living domain offers the perfect setup for IoT-based technologies since it touches on the very important social issue of the ageing population while offering the ability to really test telecare services for home-based setups.

We are seeking original, high quality, high impact research papers on all topics that fall in the combination of AAL and IoT. Papers will be selected on the basis of novelty, technical merit, presentation and impact.

**Scope and Interests (not exhaustive, not limiting)**

Mobile and Cloud Computing in pervasive healthcare

IoT Analytics

Interface and Control Systems

AAL Environments for chronic disease management

Usability and Acceptability

Context Aware Technologies

Wearable technologies for health and wellness monitoring

Security, privacy and trust

Navigation systems (indoors, outdoors) and location based services

Networking for/and embedded systems

Technologies to support AAL

Interactive Services

**Paper Submission Important Dates**

**All instructions and templates for submission can be found in the ICCMIT 2015 web site:** [**http://www.iccmit.net/**](http://www.iccmit.net/)**. Please, contact the special session organizers if you are planning to submit any paper**

###### Paper submission: until February 28, 2015 Notification of acceptance: March 7, 2015Final paper submission and authors camera ready: March 15, 2015Conference Dates: April 20-22, 2015