The 7th International Conference on
PErvasive Technologies Related to Assistive Environments

WWW.PETRAE.ORG

PETRA 2014

Rhodes Island, Greece
May 27-30, 2014

The 7th International Conference on Pervasive Technologies Related to Assistive Environments will be held at Hotel Aldemar Paradise Mare (http://www.aldemarhotels.com/), **Island of Rhodes (**http://en.wikipedia.org/wiki/Rhodes**), Greece, May 27-30, 2014.**

Call for Papers

Topics and areas of interest include, but are not limited to:

- Wearable, ambient and wellness measurement and monitoring technologies
- Service and socially assistive robots for rehabilitation
- Computer Aided Rehabilitation
- Tools, and techniques for designing, implementing and deploying pervasive applications in assistive environments
- Machine learning and data mining tools for decision making
- Sensor networks for pervasive care, reliability and availability
- Robotics and automation in assistive living systems
- Natural language processing and automated dialogue systems
- Signal and image processing for ambient intelligence and pervasive computing
- User Interfaces, usability and flexibility
- Reasoning systems and machine learning for assistive environments
- Cognitive behavior analysis and monitoring
- Privacy, security and risk analysis of data sharing in assistive environements
- Computer-aided Physical therapy and occupational therapy systems
- Smart rehabilitation software
- Devices and orthotics for physical therapy and rehabilitation
- Human centered computing and the senior citizen
- Telemedicine and biotechnology applications using pervasive computing
- Social, ethical, legal and e-government issues in pervasive healthcare and aging
- Social impacts of the use of pervasive technologies, government policy & access global healthcare, citizen standards and interoperability
- Digital Cities of the future

See http://www.petrae.org/callpaper.php for more topics.

Important Dates:

Full Paper Submission Deadline:	Dec. 15, 2013
Short Paper Submission Deadline:	Jan. 15, 2014
Poster Submission Deadline:	Feb. 15, 2014
Workshop Proposal Submission:	Dec. 15, 2013

Call for Workshop proposals:

In addition to the main technical program, the conference will include Special Sessions, and Workshops. Submit proposals to workshop chair Dimitrios Kosmopoulos through dkosmo@teicrete.gr

Email: petrae@uta.edu

Conference Chair

Fillia Makedon

The University of Texas At Arlington, USA

Program Committee Chairs

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