The 6th International Conference on
PErvasive Technologies Related to Assistive Environments

WWW.PETRAE.ORG

PETRA 2013

Rhodes Island, Greece, May 29-31, 2013

The 6th 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 29-31, 2013.**

Call for Papers

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

- Tools, infrastructures, architectures and techniques for designing, implementing and deploying pervasive applications in assistive environments
- Privacy, security and trust, especially risk analysis of sharing health data
- Wearable, ambient and wellness measurement and monitoring technologies
- Service and socially assistive robots for rehabilitation
- Sensor networks for pervasive care, reliability and availability
- Physical therapy, occupational therapy, and other rehabilitation technologies
- Robotics and automation in assistive living systems
- Natural language processing systems for assistive environments.
- Signal and image processing for ambient intelligence and pervasive computing
- Reasoning systems and machine learning for assistive environments
- 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
- User Interfaces, usability and flexibility
- Human centered computing and the senior citizen
- Telemedicine and biotechnology applications
- Smart materials for rehabilitation
- Machine learning and data mining tools for decision making
- Devices and orthotics for physical therapy and rehabilitation

See http://www.petrae.org/callpaper.php for additional information

Important Dates:

Full Paper Submission Deadline: Jan. 05, 2012
Short Paper Submission Deadline: Feb. 05, 2013
Poster Submission Deadline: Feb. 15, 2013
Paper Acceptance Notice: Mar. 05, 2013

Call for workshops (Submission Deadline: Dec. 01, 2012)

We invite proposals for workshops to be held in conjunction with the 6th International Conference on PErvasive Technologies Related to Assistive Environments (PETRA 2013). We encourage proposals on related topics. http://www.petrae.org/workshop.php

*All conference and workshop papers will be published in the **ACM conference proceedings**. Extended versions of selected papers will be invited for potential publication in special issues of the Personal and Ubiquitous Computing Journal (Springer) and International Journal Universal Access in the Information Society (UAIS).*

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Conference Chair

Fillia Makedon
The University of Texas At Arlington, USA

Program Committee Chairs

Margrit Betke (chair)
Boston University, USA

Magy Self El-Nasr (co-chair)
Northeastern University

Ilias Maglogiannis (co-chair)
University of Central Greece, GREECE

Local Arrangements

Fillia Makedon (conf. chair)

Rong Zhang (co-chair)
University of Texas at Arlington, USA

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