

2nd International Conference on
Pervasive Technologies Related to Assistive environments (PETRA 2009)
9-12 June 2009, Corfu Island, Greece

CALL FOR PAPERS

1st Workshop on Privacy and Security in Pervasive
e-Health and Assistive Environments (PSPA 2009)
13 June 2009, Corfu Island, Greece



Workshop Chairs

Grammati Pantziou, *Technological Educational Institution of Athens, Greece*

Petros Belsis, *Technological Educational Institution of Athens, Greece*

Workshop Programme Committee

Matt Bishop (Keynote Speaker),
University of California, Davis, USA

Denise Antony, *DartmouthCollege, USA*

Petros Belsis, *Technological Educational Institution of Athens, Greece*

Azer Bestavros, *Boston University, USA*

Stefanos Gritzalis, *University of Aegean, Greece*

M. Eric Johnson, *DartmouthCollege, USA*

Sokratis Katsikas, *University of Piraeus, Greece*

Zhengyi Le, *University of Texas at Arlington, USA*

Donggang Liu, *University of Texas at Arlington, USA*

Evrpidis Loukis, *University of Aegean, Greece*

Fillia Makedon, *University of Texas at Arlington, USA*

Calton Pu, *Georgia Institute of Technology, USA*

Golden P. Richard III, *University of New Orleans, USA*

Hamid Sharif, *University of Nebraska-Lincoln, USA*

Alexander Sideridis, *Agricultural University of Athens, Greece*

Chistos Skourlas, *Technological Educational Institution of Athens, Greece*

Matthew Wright, *University of Texas at Arlington, USA*

Important Dates:

Paper Submission Deadline: March 1, 2009

Paper Acceptance Notification: March 15, 2009

Camera Ready Papers: March 31, 2009

You are cordially invited to submit your contribution in the 1st Workshop on "Privacy and Security in Pervasive e-Health and Assistive Environments" organized within the "First International Conference on Pervasive Technologies Related to Assistive environments (PETRA 2009)". We are interested in original papers and case studies describing advances in all areas of security and privacy in e-health and assistive environments, including but not limited to:

Topics of Interest

We are interested in original papers and case studies describing advances in all areas of security and privacy in e-health and assistive environments, including but not limited to:

- Privacy and security in CyberPhysical Systems (CPS)
- Human-centric CPS for assistive environments
- Policies and practices for access, authentication, authorization and auditing for health information systems in order to protect the privacy and security of electronic health information.
- Policies for sharing / exchange of patient's sensitive information among health / assistance providers for example, during an emergency.
- Legislation issues related to handling of protected health information in pervasive e-health environments.
- Secure data access in e-health environments
- Trust and privacy issues in e-health and assistive environments
- Sensor network security for e-health environments
- RFID, sensor networks and biometrics to enable security in e-health and assistive environments
- PKI to support e-health environments
- Encryption, cryptographic techniques to ensure privacy and security in e-health
- Case studies in respect to privacy and security in e-health environments
- Developing secure e-health and assistive infrastructures
- Interoperability of pervasive e-health and assistive environments with their information systems of health organizations (e.g. hospitals).
- Privacy preserving processing and exploitation of data from e-health and assistive environments for understanding better the needs of patients and designing better government and e-government services for them, but protecting privacy.

Submission and Proceedings Information

Interested authors should submit their contribution at the conference site (please go to www.petrae.org then choose workshops and select PSPAE. At the end of the page you may submit your article). Accepted papers will be presented at the workshop and published in the Proceedings of the Conference. ACM will be the publisher of the proceedings of the PETRA Conference and the Conference Proceedings will be a volume in the ACM International Conference Proceedings Series in the ACM Digital Library. Authors should use the ACM Word or LaTeX style templates to prepare their articles. See: <http://www.acm.org/sigs/pubs/proceed/template.html>. Authors should apply ACM Computing Classification categories and terms. The Classification Scheme can be found at: <http://www.acm.org/class/1998/> Submitted papers should be up to 8 pages. Papers may be accepted either as full papers (8 pages) or short papers (4 pages). At least one author, of each accepted paper, is required to register and present the paper.

Based on the appropriateness of submissions, extended versions of selected papers from the Workshop will be invited to be considered for publication in a special issue of the *Security and Communication Networks*, Wiley, InterScience (see [special issue call for papers](#)).

