The PETRA conference is a highly interdisciplinary conference that focuses on computational and engineering approaches to improve the quality of life and enhance human performance in a wide range of settings, in the workplace, at home, in public spaces, urban environments, and other.

PETRA brings together very different types of technologies to also address important social and healthcare issues for sensitive populations, such as the elderly, persons suffering from chronic conditions such as Alzheimer's, Parkinson's, Cerebral Palsy, and other disabilities or traumas.

**Important Dates**

Full Paper Submission Deadline  
January 20, 2016

Short Paper Submission Deadline  
February 20, 2016

Poster Paper Submission Deadline  
March 20, 2016

See the back for more info.  
For more details, please visit:  
[www.petrae.org](http://www.petrae.org)

You can also contact us via  
petrae@uta.edu

**When:**  
June 29 – July 1, 2016

**Where:**  
Island of Corfu, Greece
Call for Papers

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

• Healthcare Informatics
• Big Data Management
• Collaboration and Data Sharing
• Behavior Monitoring
• Computer Aided Rehabilitation
• Data Privacy and Remote Health Monitoring
• Wearable, Ambient and Wellness Technologies
• Assistive Robotics
• Machine Learning and Data Mining
• Sensor Networks for Healthcare
• Natural Language Processing
• Dialogue Systems
• Ambient Intelligence and Pervasive Computing
• Reasoning Systems
• Cognitive Behavior Analysis
• Privacy, Security and Risk Analysis
• Physical Therapy and Occupational Therapy Technologies
• Human-Centered Computing
• Telemedicine and Biotechnology
• Mobile and Wireless Technologies
• Virtual and Augmented Reality Environments

Call for Workshops

We invite proposals for workshops to be held in conjunction with PETRA 2016. Workshop proposals must be sent via email to zikos@uta.edu by January 20, 2016. Submission guidelines can be found at the conference website: http://petrae.org#workshops

*All conference and workshop papers will be published in the ACM conference proceedings.
*If you have any questions, please feel free to contact us at petrae@uta.edu