2016 IEEE International Symposium on

MeMeA

Medical Measurements and Applications

IEEE INSTRUMENTATION & MEASUREMENT SOCIETY

MAY 16 - 18, 2016

BENEVENTO ITALY




2006 - 2016 : Back to Benevento

CALL FOR PAPERS FOR THE SPECIAL SESSION

MOBILE AND WIRELESS TECHNOLOGIES FOR HEALTHCARE

ABSTRACT

The provision of health services is globally changing to take better care of an increasingly demanding population. In home and outdoor healthcare services are promissory field that involves the development wireless communication and mobile devices associated with smart sensors for vital signs monitoring and physical rehabilitation assessment. These technologies could contribute to reduce the costs of national healthcare systems and also to improve the quality of life of patients.

The essence of this special session lies in its interdisciplinary nature, joining contributors that work in the fields of wireless and mobile communications, as well as medical measurements.

TOPICS

Paper submissions on wireless communication and ubiquitous computing for healthcare are welcome.

Topics of interest include but are not limited to:

- Body area network for vital signs monitoring
- IoT and M2M advances in healthcare
- Mobile computing for health status monitoring and remote diagnosis
- Wireless smart objects and mobile solution for physical therapy
- Healthcare telemetry and telemedicine
- sHealth: mHealth and smart cities interactions
- Wireless health data: privacy and security issues

CHAIRS

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MORE INFO

For further information, please visit MeMeA2016 website at

memea2016.ieee-ims.org

DATES

- **January 17, 2016 -** Submission of Final Paper (5-6 pages) - first version
- **March 10, 2016** - Submission of revised Final Paper
- **April 4, 2016** - Final Submission, Registration

SUBMISSION

Prospective authors must electronically submit a final paper (5-6 pages, including figures) by January 10, 2016, by pointing out the related Special Session.

All papers will receive multiple peer reviews; authors will receive timely notification of paper acceptance. If accepted, final papers must be no more than 6 pages and will be submitted electronically.

Papers must be presented at the conference orally by an author, will appear in the final conference proceedings, and will be indexed in the Scopus citation index.

BENEVENTO

Benevento, due to the Santa Sofia's Church with its Cloister, has been part of UNESCO World Heritage Sites as "Longobards in Italy. Places of the power".

ABOUT THE CHAIRS

OCTAVIAN POSTOLACHE

Graduated in Electrical Engineering at the Gh. Asachi Technical University of Iasi, Romania, in 1992, and received the PhD degree in 1999 from the same university. He is Assistant Professor of and ISCTE-IUL Lisbon and senior researcher of Instituto de Telecomunicações and he is author of 9 patents, 7 books, 14 book chapters, 65 papers in international journals with peer review, more than 204 papers in proceedings of international conferences His fields of interests are smart sensors for biomedical applications, pervasive sensing and computing. Postolache He is IEEE Senior Member I&M Society, chair of IEEE_I&MS_TC-13 Wireless and Telecomunications in Measurements and distinguished lecturer of IEEE_I&MS He is Associate Editor of IEEE Sensors Journal. He received IEEE_I&M outstanding reviewer and IEEE Best AE awards.

OCTAVIA DOBRE

She is an Associate Professor with Memorial University, Canada, Her research interests include cognitive radio networks, spectrum sensing techniques, blind signal recognition and parameter estimation techniques, transceiver optimization algorithms, dynamic spectrum access, and cooperative wireless communications. She published over 130 referred journal and conference papers in these areas. Dr. Dobre is a Senior Editor for the IEEE Communications Letters, as well as an Editor for the IEEE Communications Surveys and Tutorials and ELSEVIER PHYCOM,.

EDWARD SAZONOV

He received the Diploma of Systems Engineer from Khabarovsk State University of Technology, Russia, in 1993 and the Ph.D. degree in Computer Engineering from West Virginia University, Morgantown, WV, in 2002. Currently he is an Associate Professor in the department of Electrical and Computer Engineering, University of Alabama - Tuscaloosa, USA. His research interests are focused on the area of ambient intelligent systems, including sensor network applications in bioengineering and structural health monitoring, self-powered devices and energy harvesting, and ambient and wearable intelligent devices