

# PROGRAMME

**15<sup>30</sup> – 18<sup>00</sup> Dedicated session: e/m/p-Health, Telemedicine, Wearable systems (Room D – Mihai Duca Hall, near Anatomy Building)**

**Chairs:** **Hariton Costin** – Grigore T. Popa University of Medicine and Pharmacy, Iasi, Faculty of Medical Bioengineering, Iasi, Romania

**Octavian Postolache** – Institute of Telecommunications, Setubal, Portugal

**Victor Şontea** – Technical University of Moldova, Kishinev

- 1. Smart Sensors and Pervasive Computing for Healthcare**, *Octavian Postolache, Mario Ribeiro, Pedro Silva Girão, Gabriela Postolache - Id:156*
- 2. Textile-, Conductive Paint-Based Wearable Devices for Physical Activity Monitoring**, *Horia-Nicolai Teodorescu - Id:11*
- 3. A Web Tool for an Open and Linked Health Ecosystem**, *Stella Christopoulou, Theodore Kotsilieris, Nikoletta Dimopoulou - Id:15*
- 4. First Results about the Use of a Patient Portal by People with Diabetes in a Rural Area**, *Dimitris Manousos, Franco Chiarugi, Vasilis Kontogiannis, Ioannis Karatzanis, Angelina Kouroubali, Emmanouil G. Spanakis, Kostas Marias, Joanna Fursse, Shona Thomson, Russell W. Jones, Vivek Verma, Malcolm Clarke - Id:48*
- 5. A Novel Solution for Tasks Management of Critical Telemedicine Mobile Equipment**, *Vlad Valeanu, Vladimir Vasiliu, Mihaela Marin, Cristian Vizitiu, Alexandru Nistorescu - Id:50*
- 6. Portable Mobile Real Time Oxygen Monitoring Auto-Ventilation System**, *Esuabom Dijemeni, Robert Dickinson - Id:56*
- 7. Intelligent Clothes with a Network of Painted Sensors**, *Marius Hagan, Horia-Nicolai Teodorescu - Id:63*
- 8. Developing a Wireless Electrocardiography Device for Mobile and At-Home Healthcare Applications**, *Lucian Cojocariu, Mihai Dimian, Marius Prelipceanu - Id:76*
- 9. Energy-aware Routing for e-Health Wireless Sensor Networks**, *Nicolae Botezatu, Robert Lupu, Andrei Stan - Id:116*
- 10. Real Time Health Monitoring and Wireless Transmission: A  $\mu$ Controller Application to Improve Human Medical Needs**, *Eriola Shanko, Michalis Papoutsidakis - Id:122*

## POSTERS

- 11. mHealth Approach In Resource Poor Settings**, *Usman Iqbal, Shabbir Syed-Abdul, Hsu-Tien Wan, Yu-Chuan (Jack) Li - PID:25*

- 12. Implementation of a Telemedicine System for Optimal on Site Medical Response in Case of Disasters and for Emergency Situations Management,** *Ciprian Lupu, Vasile Olaru, Dorel Bivolau, Andreea Udrea - PId:125*
- 13. Actual Portable Devices as Base for Telemedicine and E-Health: Research and Case Study Application,** *Ciprian Lupu, Cosmin Mihai - PId:126*
- 14. An Overview of Remote Patient Monitoring Applications Market Using WMTS and WLAN Implementations for Reliable Telemedicine Systems,** *Irina Tache, Constantin-Eugen Cornel, Ciprian Lupu - PId:148*
- 15. A Structured Approach of the Internet-of-Things eHealth Use Cases,** *Elena Poenaru, Calin Poenaru - PId:179*
- 16. Wireless Skin Temperature Measurement System for Circadian Rhythm Monitoring,** *Cristian Rotariu, Hariton Costin, Alexandru Pasarica, Ciprian Cristea, Bogdan Dionisie - PId:234*