

Medical Devices, Measurements, Instrumentation, Signal Processing (I)

Thursday, 19th November, 11:30-13:30

Room Creanga (Room B), Astoria Hotel

Chairpersons: *Enrico Caiani, Cristian Rotariu*

1.	Smart Wristbands as Inexpensive and Reliable Non-dedicated Solution for Self-Managing Type 2 Diabetes <i>Adina Militaru, Mirela Frandes, Diana Lungeanu, Paper ID: 44</i>
2.	An Alternative Tool for ECG Analysis in WSN ? <i>Marius–Corneliu Roșu, Yassin Kassab Hamed, Paper ID: 52</i>
3.	Computer Perimeter for Screening of Field of Visions and Standardization of this Method <i>Irina A. Gotsiridze, Giorgi T. Gigilashvili, Zviad T.Gurtskaia, Nikoloz S. Invia, Paper ID: 55</i>
4.	Fuzzy Logic Algorithm for Use in Controlled Hypothermia <i>Victor Cojocaru, Daniel Vrabii, Paper ID: 58</i>
5.	Dynamical Behavior of Bose-Condensed Dipole-Active Phonons and Internal Fröhlich Photons in Biological Media <i>N.Ciobanu, S. Rusu, V. Z.Tronciu, Paper ID: 122</i>
6.	Reliability Calculus for an Experimental Device Performing Quantitative Analysis of Alcohol Vapors from Exhaled Air <i>Dan Iudean, Radu Munteanu jr., Florentina-Ancuta Cadar, Petru-Marius Maier, Alexandru Bogdan Amza, Paper ID: 142</i>
7.	Controlling a Hand Orthosis by Means of P300-Based Brain Computer Interface <i>Andrei Stan, Danut Constantin Irimia, Nicolae Alexandru Botezatu, Robert Gabriel Lupu, Paper ID: 143</i>

Poster Session – Friday, 20th November, 8:00-9:30

Room Eminescu (Room A), Astoria Hotel

8.	Fetal Heart Rate Detection and Monitoring From Noninvasive Abdominal ECG Recordings <i>Viorel Ionescu, Mihaela Hnatiuc, Paper ID: 11</i>
----	--

9.	<p>X-Rays Transparent Resuscitator System for Percutaneous Transluminal Coronary Angioplasty</p> <p><i>A.C. Tavilla, D. Nicolis, D. Sürder, T. Moccetti and I. Stefanini, Paper ID: 17</i></p>
10.	<p>Effective Light Absorption Spectra of Endogenic Porphyrins in Soft Biotissue</p> <p><i>Sontea V.P., Abramovich N.D, Barun V.V, Dick S.K, Seryakov A., Paper ID: 19</i></p>
11.	<p>Sparse Representation for Fetal QRS Detection in Abdominal ECG Recordings</p> <p><i>Giulia Da Poian, Riccardo Bernardini, Roberto Rinaldo, Paper ID: 26</i></p>
12.	<p>Blood Extractor - Medical Device for Standardized and Optimized Cord Blood Extraction</p> <p><i>R. Robortella, A.C. Tavilla, S.S. Malorgio, R. Ponti, L. Diviani, W. Amaro, E. Folador, V. Albertini, D. Disarò, T. Gyr and I. Stefanini, Paper ID: 41</i></p>
13.	<p>Optimal Design of Mushroom-like EBG Structures for Antenna Mutual Coupling Reduction in 2.4 GHz ISM Band</p> <p><i>Viorel Ionescu, Mihaela Hnatiuc, Adrian Topală, Paper ID: 45</i></p>