

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

Thursday, 19th November, 15:00-17:30

Room Creanga (Room B), Astoria Hotel

Chairpersons: **Radu Ciorap, Fabrizio Clemente**

1.	Design of a Smart EIS Measurement System <i>F. Clemente, M. Romano, P. Bifulco, G. Faiella, M. Molinara⁴, M. Cesarelli, Paper ID: 101</i>
2.	Mobile App for Stress Monitoring using Voice Features <i>Virginia Sandulescu, Sally Andrews, David Ellis, Radu Dobrescu, Oscar Martinez Mozos⁴, Paper ID: 166</i>
3.	Self Collision Detection System for R3 Robot <i>Yakup Özden, Hatice Köse, Paper ID: 194</i>
4.	Fetal Monitoring: Identifying the Relevant Biosignals Interdependencies <i>Bogdan Hurezeanu, Irina Nicolae, Dragos Taralungă, Rodica Strungaru, Werner Wolf, Ilinica Gussi, Mihaela Ungureanu, Paper ID: 199</i>
5.	Imaging in Nuclear Medicine: Monitoring of Skin Doses of Workers <i>Jozef Sabol, Jana Hudzietzová, Marko Fülöp, Paper ID: 211</i>
6.	Study of Cellular Response Induced by Frequency Change of Low Intensity Ultrasound <i>Ivone Mariantonietta, Carmine Pappalettere, Katsuro Tachibana, Paper ID: 218</i>

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

Room Eminescu (Room A), Astoria Hotel

7.	Digital Chest Expansion Measurement & its Biomedical Application <i>Richeek Dey, Urjit Thakur, Linsun Sunny, Lawrence D'Almeida, Kalyana Chakravarty, Paper ID: 51</i>
8.	Permanent Magnet Synchronous Machines for Small Energy-Efficient Applications <i>Radu-Cătălin Siecoban, Anda Maria Iobăgel, Radu Marțiș, Anca Iulia Nicu, Paper ID: 84</i>

9.	<p>Multifunctional Portable Equipment for Medical and Biometric Applications</p> <p><i>Loredana Stanciu, Alina Mucioniu, Paper ID: 94</i></p>
10.	<p>A Retrospective Study of the Dosimetry – Radioprotection Relationship in a Nuclear Medicine Diagnosis Laboratory</p> <p><i>Vlad Ghizdovăt, Micaiela Ghinet, Stefan Ghinet, Irena Grierosu, Cipriana Ștefănescu, Paper ID: 119</i></p>
11.	<p>Signals Evaluation of a Chaotic Generator-based Sensor for Environment Conductometric Measurements</p> <p><i>Victor Cojocaru, Paper ID: 141</i></p>
12.	<p>Tremor Analysis in Neurological Disorders using Intelligent Clothes</p> <p><i>Marius Hăgan, Aurora Constantinescu, Oana Geman, Paper ID: 160</i></p>
13.	<p>Graphical Interface for Analyze of Temperature of Skin at Skin-Liner Interface</p> <p><i>Dragos Arotaritei, Marius Turnea, Robert Filep, Mihai Ilea, Mariana Rotariu, Andrei Gheorghita, Paper ID: 162</i></p>
14.	<p>Connections between Brain Activity and Motion, Depending on the Feedback Informational System</p> <p><i>Pierre Joseph de Hillerin, Calin Marin, Irina de Hillerin, Mihaela Marin, Cristina Ciurea, Andreea Vizitiu, Vlad Valeanu, Paper ID: 175</i></p>