

Medical Imaging and Image Processing (II)

Saturday, 21st November, 8:30-11:00

Room Creanga (Room B), Astoria Hotel

Chairpersons: *Rangaraj Rangayyan, Thomas Deserno, Silviu Bejinariu*

1.	Nonlinear Fourth-order Hyperbolic PDE-based Image Restoration Scheme <i>Tudor Barbu, Paper ID: 15</i>
2.	Automatic Segmentation of Infantile Hemangiomas Within an Optimally Chosen Color Space <i>Serban Oprisescu, Mihai Ciuc, Alina Sultana, Irina Vasile, Paper ID: 77</i>
3.	Why Should We Use the Non-Existent? Advantages of Application of Unconventional Computing to Processing of Noisy Medical Images <i>Lyudmila Burtseva, Paper ID: 86</i>
4.	A Multiplicative Gradient-Based Anisotropic Diffusion Approach for Speckle Noise Removal <i>Romulus Terebes, Monica Borda, Christian Germain, Raul Malutan, Ioana Ilea, Paper ID: 89</i>
5.	Image Processing by means of Some Bio-Inspired Optimization Algorithms <i>Silviu-Ioan Bejinariu, Hariton Costin, Florin Rotaru, Ramona Luca, Cristina Niță, Paper ID: 109</i>
6.	Combining Blood Vessel Segmentation and Texture Analysis to Improve Optic Disc Detection <i>Loretta Ichim, Dan Popescu, Stefan Cirneanu, Paper ID: 112</i>
7.	Retinal Vessel Labeling Method <i>Florin Rotaru, Silviu-Ioan Bejinariu, Ramona Luca, Cristina Niță, Paper ID: 115</i>
8.	Speckle Noise Removal in Ultrasound Images using Sparse Code Shrinkage, <i>Raul Măluțan, Romulus Terebeș, Christian Germain, Monica Borda, Mihaela Cișlariu, Paper ID: 149</i>
9.	Neural Network Based Edge Detection for CBCT Segmentation <i>Ionel-Bujorel Pavaloiu, Nicolae Goga, Andrei Vasilateanu, Iuliana Marin, Andrei Ungar, Ion Patrascu, Catalin Ilie, Paper ID: 169</i>

Poster Session – Friday, 20th November, 8:00-9:30
Room Eminescu (Room A), Astoria Hotel

10.	Automatic Contour Detection from Automatic Contour Detection from Dental CBCT DICOM Data <i>Iuliana Marin, Ionel-Bujorel Păvăloiu, Nicolae Goga, Andrei Vasilăţeanu, George Drăgoi, Paper ID: 179</i>
11.	A Pupil Center Detection Algorithm Based on Eye Color Pixels Differences <i>Catalin Ionescu, Cristian Fosala, Daniel Petrisor, Cristian Zet, Paper ID: 202</i>
12.	An Approach to the Verilog-based System for Medical Image Enhancement <i>Iuliana Chiuchisan, Paper ID: 214</i>
13.	Quantitative Diffusion - Weighted Imaging Apparent Diffusion Coefficient Values and Perfusion - Weighted Imaging Relative Cerebral Blood Volume in Characterization of Mixed Gliomas (Grading II/III) <i>Teodora - Anca Albu, Stanca - Mihaela Pleş, Paper ID: 229</i>
14.	Quantification of Apparent Diffusion Coefficient and Relative Cerebral Blood Volume for Analysis Concerning Gender and Age as Determinant Factors in Glioma Prospect <i>Teodora - Anca Albu, Stanca - Mihaela Pleş, Paper ID: 257</i>