

# PROGRAMME

## **15<sup>30</sup> – 18<sup>00</sup> Dedicated session: *Medical imaging and image processing(I) (Room B – 'Anatomy' Hall)***

**Chairs:** **Horia-Nicolai Teodorescu** – Gh. Asachi Technical University of Iasi, Romania  
**Constantin Vertan** – POLITEHNICA University of Bucharest, Romania  
**Mircea-Florin Vaida** – Technical University of Cluj-Napoca, Romania

- 1. Software Tools for Medical Diagnosis Support Automatic Interpretation of Digital X-ray Films,** *Constantin Vertan, Corneliu Florea, Laura Florea, Alina Sultana - Id:71*
- 2. Adaptive Beamforming with Coded Excitation in Ultrasound Imaging,** *Teodora Szasz, Mircea-Florin Vaida - Id:20*
- 3. Introducing an Acceptability Metric for Image Compression in PACS - a Model,** *Dinu Dragan, Dragan Ivetic, Veljko Petrovic - Id:31*
- 4. Pseudo-Granulometry and Morphological Covariance for Color Psoriasis Image Segmentation,** *Alexandru Caliman, Mihai Ivanovici, Radu-Mihai Coliban - Id:69*
- 5. Design and Analysis of Contour-Independent Features for Classification of Mammographic Lesions,** *Paola Casti, Arianna Mencattini, Marcello Salmeri, Antonietta Ancona, Fabio Mangieri, Maria Luisa Pepe, Rangaraj Mandayam Rangayyan - Id:77*
- 6. A Computer Vision System that Ensure the Autonomous Navigation of Blind People,** *Ruxandra Georgiana Tapu, Bogdan Cosmin Mocanu, Titus Zaharia - Id:138*

## POSTERS

- 7. Digital Templating in Surgical Treatment of Trochanteric Fractures,** *Ovidiu Alexa, Bogdan Veliceasa, Diana Cimpoesu - PId:54*
- 8. Content-Based Image Retrieval using Local Binary Pattern, Intensity Histogram, and Color Coherence Vector,** *Oana Astrid Vatamanu, Mirela Frandes, Mihaela Ionescu, Simona Apostol - PId:72*
- 9. Comparative Study of Contour Detection Methods for Intestinal Sessile Polyps,** *Mihaela Ionescu, Oana Astrid Vatamanu, Cristin Constantin Vere, Simona Apostol, Mirela Frandes, Gheorghe Ioan Mihalas - PId:81*
- 10. Comparison of Low Computational Complexity Filters Suitable for Real-Time Fluoroscopy Image Denoising,** *Paolo Bifulco, Maria Romano, Luigi Iuppariello - PId:146*
- 11. Implementation of Medical Image Processing Algorithm on Reconfigurable Hardware,** *Iuliana Chiuchisan - PId:178*
- 12. A New FPGA-based Real-Time Configurable System for Medical Image Processing,** *Iuliana Chiuchisan - PId:180*

- 13. Comparison of 2D and 3D Total Variation Minimization Methods in Breast Tomosynthesis Imaging, *Metin Ertas, Isa Yildirim, Mustafa Kamasak, Aydin Akan - PId:181***
- 14. Evaluating the Effect of Acquisition Parameters in Digital Breast Tomosynthesis System with Iterative Reconstruction Methods on Image Quality, *Saeed Seyyedi, Isa Yildirim, Mustafa Kamasak - PId:197***