

Friday - November 8th



15th International Symposium on
Medical Information Processing and
Analysis | Medellín, Colombia

UNAL campus

Talk 4 Chair: Dr. Natasha Lepore Aula Máxima – M5	Keynote: Dr. Leticia Rittner Talk: “Medical Imaging Analysis: beyond Deep Learning”	8:30 am
	Dr. Franco Lepore	9:30 am
Body Imaging II Chair: Dr. Leticia Rittner Aula Máxima – M5	Automatic Polyp Localization by Low Level Superpixel Features Diego Bravo, Josué Ruano, Martín Gómez and Eduardo Romero. Universidad Nacional de Colombia, Bogotá, Colombia Melanoma Detection on Dermoscopic Images using Superpixels Segmentation and Shape-Based Features Diego Patiño, Alberto M. Ceballos, Jairo A. Rodriguez, German Sanchez and John W. Branch. Universidad Nacional de Colombia, Medellín, Colombia Design of a Multilayer Neural Network for the Classification of Skin Ulcers’ Hyperspectral Images: a Proof of Concept Daniel. Carmona, JohnE. Escobar, July. Galeano and Maria C. Torres. Instituto Tecnológico Metropolitano, Medellín, Colombia Automatic segmentation of the left ventricle myocardium by a multi-view deformable model Miguel A. Beltrán, Angélica Atehortúa and Eduardo Romero. Universidad Nacional de Colombia, Bogotá, Colombia A novel method for the design of convolutional gray-level templates for the automatic detection of coronary arteries Ivan Cruz, Fernando Cervantes, Arturo Hernández, Martha A. Hernández and Sergio Solorio. Centro de Investigación en Matemáticas, A.C, Guanajuato, México Inter-hemispheric Asymmetry Patterns in the ADHD Brain: A Neuroimaging Replication Study Cintya Nirvana Dutta, Leonardo Christov-Moore, Ariana Anderson, Zane Koch, Pashmeen Kaur, Farzad Vasheghani-Farahani and Pamela K. Douglas. University of Central Florida, Florida, USA	9:45 am
	Coffee break	11:00 am
	Closing	11:30 am