

MATHEMATICAL MODELS IN IMAGE PROCESSING (I)

Thursday 22 (Lecture room: Pere i Joan Coromines – ground floor)

16:30 – 16:50	Francesc Aràndiga <i>A 2D nonlinear algorithm for monotone piecewise bicubic interpolation</i>
16:55 – 17:15	Nicolas Papadakis <i>Convex Color Image Segmentation with Optimal transport Distances</i>
17:20 – 17:40	Roberto P. Palomares <i>How to improve local optima of optical flow energies using discrete matches</i>
17:45 – 18:05	Peter Frolkovic <i>Optical flow methods based on level set motion</i>
18:10 – 18:30	Lukas Lang <i>Optical Flow on Evolving Sphere-Like Surfaces</i>

Friday 23 (Lecture room: Pere i Joan Coromines – ground floor)

11:00 – 11:30	Rosa Donat <i>Data Compression by nonlinear MR transforms</i>
11:30 – 12:00	Kamil S. Kazimierski <i>Iterative Reconstruction for Inverse Medium Scattering</i>
12:00 – 12:30	Robert Spir <i>Tracking of cells in early animal embryogenesis by PDEs methods of image processing and validation of the results</i>
12:30 – 13:00	Emanuele Schiavi <i>On Non-Smooth Non-Convex Non-Local Optimization</i>