



Session : **Novel Representations of Visual Information for Analysis and Classification (SPECIAL SESSION)**

Time: 10:50 – 12:50

Chairs:

*Hamid Krim , North Carolina State University ;
Beatrice Pesquet–Popescu , ENST, Paris*



NONPARAMETRIC SHAPE PRIORS FOR ACTIVE CONTOUR–BASED IMAGE SEGMENTATION
(Abstract)

Junmo Kim (Massachusetts Institute of Technology, United States)
Müjdat Cetin (Massachusetts Institute of Technology, United States)
Alan S. Willsky (Massachusetts Institute of Technology, United States)



3D OBJECT REPRESENTATION WITH TOPO–GEOMETRIC SHAPE MODELS (Abstract)

Sajjad Baloch (North Carolina State University, United States)
Hamid Krim (North Carolina State University, United States)
Dmitry Zenkov (North Carolina State University, United States)
Irina Kogan (North Carolina State University, United States)

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A GEOMETRICAL A PRIORI FOR CAPTURING THE REGULARITY OF IMAGES ([Abstract](#))

Yann Gousseau (TSI – ENST, France)

Francois Roueff (TSI – ENST, France)



NON-PARAMETRIC INFORMATION GEOMETRY AND MULTI-SCALE MODELS OF TEXTURE ([Abstract](#))

Washington Mio (Florida State University, United States)

Dennis Badlyans (Florida State University, United States)

Xiuwen Liu (Florida State University, United States)



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ADAPTIVE WAVELETS FOR IMAGE REPRESENTATION AND CLASSIFICATION ([Abstract](#))

Gemma Piella (GET-ENST, France)
Marine Campedel (GET-ENST, France)
Béatrice
Pesquet-Popescu (GET-ENST, France)



SEGMENTATION OF IMAGES PAINTED ON PARAMETRIC MANIFOLDS ([Abstract](#))

Alon Spira (Technion, Israel)
Ron Kimmel (Technion, Israel)

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