



Session : **Image Analysis, Classification and Pattern Recognition**
Time: 15:10 – 16:30



COMPLEXITY REDUCTION IN NEURAL NETWORKS APPLIED TO TRAFFIC SIGN RECOGNITION TASKS (Abstract)

Raúl Vicen–Bueno (Universidad de Alcalá, Spain)
Roberto Gil–Pita (Universidad de Alcalá, Spain)
Pilar Jarabo–Amores (Universidad de Alcalá, Spain)
Francisco
López–Ferreras (Universidad de Alcalá, Spain)



ADAPTIVE SOFT–SWITCHING FILTER FOR IMPULSIVE NOISE SUPPRESSION IN COLOR IMAGES (Abstract)

Bogdan Smolka (Silesian University of Technology, Poland)



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MULTITEMPORAL IMAGE CLASSIFICATION WITH AUTOMATIC BUILDING OF TREE-STRUCTURED MRF MODELS ([Abstract](#))

Raffaele Gaetano (University Federico II of Naples, Italy)

Giovanni Poggi (University Federico II of Naples, Italy)

Giuseppe Scarpa (University Federico II of Naples, Italy)



EXTRACTION OF HYDROGRAPHIC NETWORKS FROM SATELLITE IMAGES USING A HIERARCHICAL MODEL WITHIN A STOCHASTIC GEOMETRY FRAMEWORK. ([Abstract](#))

Caroline Lacoste (INSA, France)

Xavier Descombes (INRIA, France)

Josiane Zerubia (INRIA, France)

Nicolas Baghdadi (BRGM, France)

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VIDEO CLASSIFICATION BASED ON LOW-LEVEL FEATURE FUSION MODEL ([Abstract](#))

Mickael Guironnet (Laboratoire des Images et des Signaux (LIS), France)

Denis Pellerin (Laboratoire des Images et des Signaux (LIS), France)

Michele Rombaut (Laboratoire des Images et des Signaux (LIS), France)



A QUANTIZATION NOISE ROBUST SHAPE PREDICTION ALGORITHM ([Abstract](#))

M. Khansari (Sharif University of Technology (AICTC), Iran)

H. R. Rabie (Sharif University of Technology (AICTC), Iran)

M. Asadi (Sharif University of Technology (AICTC), Iran)

M. Ghanbari (University of Essex & AICTC, United Kingdom)



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MAJORITY ORDERING FOR COLOUR MATHEMATICAL MORPHOLOGY ([Abstract](#))

Alessandro Ledda (Ghent University, Belgium)
Wilfried Philips (Ghent University, Belgium)



A NEW DISTANCE MEASURE EMPLOYING ELEMENT-SIGNIFICANCE FACTORS FOR ROBUST IMAGE CLASSIFICATION ([Abstract](#))

Kunio Kawahara (The University of Tokyo, Japan)
Tadashi Shibata (The University of Tokyo, Japan)

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OFF-LINE SIGNATURE VERIFICATION AND RECOGNITION BY SUPPORT VECTOR MACHINE

(Abstract)

Emre Ozgunduz

(Yildiz Technical University, Turkey)

Tulin Senturk

(Yildiz Technical University, Turkey)

Elif Karsligil

(Yildiz Technical University, Turkey)

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