

Accepted abstracts

TITLE	SESSION
X. Mateo; X. Orriols; X. Binefa. <u>Bayesian perspective for the registration of multiple 3D views.</u> In CVIU, 2013. From UPF and UAB.	3D Vision
L. Ferraz; X. Binefa; F. Moreno-Noguer. <u>Very Fast Solution to the PnP Problem with Algebraic Outlier Rejection.</u> In CVPR, 2014. From UPF/SEPE	3D Vision
L. Ferraz; X. Binefa; F. Moreno-Noguer. <u>Leveraging Feature Uncertainty in the PnP Problem.</u> In BMVC, 2014. From UPF/SEPE	3D Vision
F. M. Sukno, J. L. Waddington, P. F. Whelan. <u>Compensating inaccurate annotations to train 3D facial landmark localization models.</u> In Automatic Face and Gesture Recognition, 2013. From UPF	3D Vision
F. Moreno-Noguer, P. Fua. <u>Stochastic Exploration of Ambiguities for Non-Rigid Shape Recovery.</u> In T-PAMI, 2013. From IRI (CSIC-UPC)	3D Vision
A. I. Aviles; A. Marban; P. Sobrevilla; J. Fernandez and A. Casals. <u>A Recurrent Neural Network Approach for 3D Vision-Based Force Estimation.</u> In IEEE International Conference on Image Processing Theory, Tools and Applications, 2014. From UPC	3D Vision
J. Guerrero; A. D. Sappa; D. Ponsa; A. M. López. <u>Fast and Robust ℓ_1-averaging-based Pose Estimation for Driving Scenarios.</u> In BMVC, 2013. From CVC, UAB	3D Vision
E. Simo-Serra; A. Quattoni; C. Torras; F. Moreno-Noguer. <u>A Joint Model for 2D and 3D Pose Estimation from a Single Image.</u> In CVPR, 2013. From IRI (CSIC-UPC)	3D Vision
A. Ramisa; G. Alenyà; F. Moreno-Noguer; C. Torras.	3D Vision

TITLE	SESSION
<u>Learning RGB-D Descriptors of Garment Parts for Informed Robot Grasping.</u> In Engineering Applications of Artificial Intelligence, 2014. From IRI (CSIC-UPC)	
C. Gatta; A. Romero; J. Van de Weijer. <u>Unrolling loopy top-down semantic feedback in convolutional deep networks.</u> In CVPR Workshops, 2014. From CVC, UAB	Detection and Recognition
C. Gatta; F. Ciompi. <u>Stacked Sequential Scale-Space Taylor Context.</u> In T-PAMI, 2014. From CVC, UAB	Detection and Recognition
M. Pedersoli; J. González; X. Hu; X. Roca. <u>Toward Real-Time Pedestrian Detection Based on a Deformable Template Model.</u> In T-ITS, 2013. From CVC, UAB	Detection and Recognition
J. Almazán; A. Gordo; A. Fornés; E. Valveny. <u>Word Spotting and Recognition with Embedded Attributes.</u> In T-PAMI, 2014. From CVC, UAB	Detection and Recognition
F. S. Khan, R. M. Anwer, J. van de Weijer, A. D. Bagdanov, A. M. López, M. Felsberg. <u>Coloring Action Recognition in Still Images.</u> In IJCV, 2014. From CVC, UAB	Detection and Recognition
A. Ruiz, J. Van de Weijer, X. Binefa. <u>RMC-MIL facial behavior categorization.</u> In BMVC, 2014. From UPF	Detection and Recognition
C. Ventura; V. Vilaplana; X. Giró-i-Nieto; F. Marqués. <u>Improving retrieval accuracy of Hierarchical Cellular Trees for generic metric spaces.</u> In Multimedia Tools and Applications, 2013. From UPC	Detection and Recognition
P. Arbelaez, J. Pont-Tuset, J. Barron, F. Marques, J. Malik. <u>Multiscale Combinatorial Grouping.</u> In CVPR, 2014. From UPC	Detection and Recognition
J. Xu, S. Ramos, D. Vázquez, A. M. López. <u>Domain Adaptation of Deformable Part-Based Models.</u> In T-PAMI, 2014. From CVC-UAB	Detection and Recognition
G. Ghimpeanu, T. Batard, M. Bertalmío, S. Levine.	Image Processing and

TITLE	SESSION
<p><u>Denoising an Image by Denoising its Components in a Moving Frame.</u> In ICISP-Best paper award, 2014. From UPF</p>	low level vision
<p>G. Piella. <u>Diffusion Maps for Multimodal Registration.</u> In Sensors, 2014. From UPF</p>	Image Processing and low level vision
<p>S. Pujades, F. Devernay, B. Goldluecke. <u>Bayesian View Synthesis and Image-Based Rendering Principles.</u> In CVPR, 2014. From INRIA Grenoble</p>	Image Processing and low level vision
<p>J. Vazquez-Corral, M. Bertalmío. <u>Color Stabilization Along Time and Across Shots of the Same Scene, for One or Several Cameras of Unknown Specifications.</u> In TIP, 2014. From UPF</p>	Image Processing and low level vision
<p>S. W. Zamir, J. Vazquez-Corral, M. Bertalmío. <u>Gamut Mapping in Cinematography through Perceptually-based Contrast Modification.</u> In IEEE Journal on Selected Topics on Signal Processing, 2014. From UPF</p>	Image Processing and low level vision
<p>M. Serra; O. Penacchio; R. Benavente; M. Vanrell; D. Samaras. <u>The Photometry of Intrinsic Images.</u> In CVPR, 2014. From CVC-UAB</p>	Image Processing and low level vision
<p>N. Murra; M. Vanrell; X. Otazu; C. A. Párraga. <u>Low-level Spatio-Chromatic Grouping for Saliency Estimation.</u> In T-PAMI, 2013. From CVC, UAB</p>	Image Processing and low level vision
<p>J. Bernal, F. J. Sánchez, F. Vilariño. <u>Towards Automatic Polyp Detection with a Polyp Appearance Model.</u> In PR, 2012. From CVC, UAB</p>	Medical Imaging
<p>S. Segui; M. Drozdal; E. Zaytseva; C. Malagelada; F. Azpiroz; P. Radeva; J. Vitria. <u>Detection of wrinkle frames in endoluminal videos using betweenness centrality measures for images.</u> In IEEE Journal of Biomedical and Health Informatics, 2014. From CVC, UAB</p>	Medical Imaging
<p>V. A. Zimmer; K. Lekadir; C. Hoogendoorn; A. F. Frangi; G. Piella. <u>A framework for optimal kernel-based manifold embedding of medical image data.</u>In</p>	Medical Imaging

TITLE	SESSION
Computerized Medical Imaging and Graphics, 2014. From UPF	
A. R. Porras; M. Alessandrini; M. De Craene; N. Duchateau; M. Sitges; B. H. Bijnens; H. Delingette; M. Sermesant; J. D'hooge; A. F. Frangi; G. Piella. <u>Improved myocardial motion estimation combining tissue Doppler and B-mode echocardiographic images.</u> In IEEE Transactions on Medical Imaging, 2014. From UPF	Medical Imaging
P. Márquez-Valle, D. Gil, A. Hernández-Sabaté. <u>Evaluation of the Capabilities of Confidence Measures for Assessing Optical Flow Quality.</u> In ICCV Workshops, 2013. From CVC, UAB	Video Analysis
D. Varas, F. Marques. <u>Region-based particle filter for video object segmentation.</u> In CVPR, 2014. From UPC	Video Analysis
S. Rida, F. Gabriele, A. Pablo, C. Vicent. <u>A variational model for gradient-based video editing.</u> In IJCV, 2013. From UPF	Video Analysis
M. Mozerov. <u>Constrained optical flow estimation as a matching problem.</u> In TIP, 2013. From CVC, UAB	Video Analysis
E. Mohedano; G. Healy; K. McGuinness; X. Giro-i-Nieto; N. O'Connor, A. Smeaton. <u>Object segmentation in images using EEG signals.</u> In ACM Multimedia, 2014. From UPC	Vision & Psychophysics
O. Penacchio, X. Otazu, L. Dempere-Marco. <u>A Neurodynamical Model of Brightness Induction in V1.</u> In PLoS ONE, 2013. From CVC, UAB	Vision & Psychophysics
D. Kane, M. Bertalmío. <u>The Perceived Quality of Undistorted Natural Images.</u> In VSS, 2014. From UPF	Vision & Psychophysics
X. Cerdá; C. A. Parraga; X. Otazu. <u>Which tone-mapping is the best? A comparative study of tone-mapping perceived quality.</u> In Perception, 2014. From CVC, UAB	Vision & Psychophysics

TITLE	SESSION
M. Redi, N. O'Hare, R. Schifanella, M. Trevisiol, A. Jaimes.	Vision & Psychophysics
<u>6 Seconds of Sound and Vision: Creativity in Micro-Videos.</u> In CVPR, 2014. From Yahoo	
Labs	