

IMAGE AND VIDEO PROCESSING

- 1 Patricia Vitoria, Vadim Fedorov, Coloma Ballester | Spatio-temporal tube segmentation through a video metrics-based patch similarity measure.
- 2 Maria Oliver, Gloria Haro, Vadim Fedorov, Coloma Ballester | L1 patch-based image partitioning into homogeneous textured regions.
- 3 Maria Oliver, Lara Raad, Coloma Ballester, Gloria Haro | Motion inpainting by an image-based geodesic anple method.

GANs

- 4 Yaxing Wang, Chenshen Wu, Luis Herranz, Joost van de Weijer, Abel Gonzalez-Garcia, Bogdan Raducanu | Transferring GANs: generative models from limited data.

COLOR IMAGING AND VISION

- 5 Ivet Rafegas, Maria Vanrell | Color encoding in biologically-inspired convolutional neural networks.
- 6 Hassan Ahmed Sial, Sergio Sancho Asensio, Ramon Baldrich, Robert Benavente, Maria Vanrell | Color-based Data Augmentation for Reflectance Estimation.
- 7 David Berga, John K. Tsotsos, Calden Wloka | Modeling task influences for visual relevance prediction.

LEARNING

8 Xialei Liu, Joost van de Weijer, Andrew D. Bagdanov | Leveraging Unlabeled Data for Crowd Counting by Learning to Rank.

9 Raul Gomez, Lluís Gomez, Jaume Gibert, Dimosthenis Karatzas | Learning to Learn from Web Data through Deep Semantic Embeddings.

10 Marc Masana, Idoia Ruiz, Joan Serrat, Joost van de Weijer, Antonio M. Lopez | Metric Learning for Novelty and Anomaly Detection.

3D VISION

11 3D Head Pose Estimation Using Tensor Decomposition and Non-linear Manifold Modeling.

12 Araceli Morales, Gemma Piella, Oriol Martínez, Federico M. Sukno | A Quantitative Comparison of Methods for 3D Face Reconstruction from 2D Images.

APPLICATIONS

13 Lluís Gómez, Andrés Mafla, Marçal Rusiñol, Dimosthenis Karatzas | Single Shot Scene Text Retrieval.

14 Adrià Arbués Sangüesa, Thomas B. Moeslund, Chris H. Bahnsen, Raul Benítez Iglesias | Identifying Basketball Plays from Sensor Data; towards a Low-Cost Automatic Extraction of Advanced Statistics.

15 Marc Combalia, Verónica Vilaplana | Monte-Carlo Sampling applied to Multiple Instance Learning for Whole Slide Image Classification.

16 Irina Sanchez, Veronica Vilaplana | Brain MRI super-resolution using 3D generative adversarial networks.

17 Adriana Fernandez-Lopez, Federico M. Sukno | Survey on Automatic Lip-Reading in the Era of Deep Learning.