



POSTERS

TUESDAY 17th SEPTEMBER 2024

11th Annual Catalan Meeting
on Computer Vision

01

Plasticity-optimized complementary networks for unsupervised continual learning by Alex Gomez-Villa; Bartłomiej Twardowski; Kai Wang; Joost Van de Weijer | 2024 | Conference Proceeding | Proceedings of the IEEE/CVF Winter Conference on Applications of Computer Vision

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Guiding Attention in End-to-End Driving Models by Diego Porres; Yi Xiao; Gabriel Villalonga; Alexandre Levy; Antonio M. López | 2024 | Conference Proceeding | 2024 IEEE Intelligent Vehicles Symposium (IV)

03

NamedCurves: Learned Image Enhancement via Color Naming by David Serrano-Lozano; Luis Herranz; Michael S. Brown; Javier Vazquez-Corral | 2024 | European Conference on Computer Vision

04

VoLETA: One- and Few-shot Food Volume Estimation by Ahmad AlMughrabi; Umair Haroon, Ricardo Marques; Petia Radeva | 2024 | 1st awarded approach at the Metafood CVPR 2024 Challenge | to be decided

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Enhancing Ki-67 Cell Segmentation with Dual U-Net Models: A Step Towards Uncertainty-Informed Active Learning by David Anglada-Rotger; Julia Sala; Ferran Marques; Philippe Salembier; Montse Pardàs | 2024 | Conference Proceeding | Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) Workshops, 2024

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Pixel2Mechanics: Automated biomechanical simulations of high-resolution intervertebral discs from anisotropic MRIs by Sai Natarajan; Estefano Muñoz; Carlos Ruiz Wills; Gemma Piella; Jérôme Noailly; Ludovic Humbert; Miguel Ángel González Ballester | 2024 | Conference Proceeding | MICCAI 2024

07

Get What You Want, Not What You Don't: Image Content Suppression for Text-to-Image Diffusion Models by Senmao Li | 2024 | Conference Proceeding | The Twelfth International Conference on Learning Representations

08

OBBabyFace: Oriented Bounding Box for Infant Face Detection by Jose Carlos Reyes Hernandez; Antonia Alomar; Ricardo Rubio; Gemma Piella; Federico Sukno | 2024 | Conference Proceeding | 5TH International Conference on Deep Learning Theory and Applications

09

Towards a Perceptual Evaluation Framework for Lighting Estimation by Justine Giroux; Mohammad Reza Karimi Dastjerdi; Yannick Hold-Geoffroy; Javier Vazquez-Corral; Jean-François Lalonde | 2024 | Conference Proceeding | CVPR

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NILUT: Conditional Neural Implicit 3D Lookup Tables for Image Enhancement by Marcos V. Conde; Javier Vazquez-Corral; Michael S. Brown; Radu Timofte | 2024 | Conference Proceeding | AAAI



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LOFI: LOnG-tailed FIne-Grained Network for Food Recognition by Jesús M Rodríguez-De-Vera; Imanol G Estepa; Marc Bolaños; Bhalaji Nagarajan; Petia Radeva | 2024 | Conference Proceeding | IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops

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Mitigating annotation shift in cancer classification using single-image generative models by Marta Buetas Arcas; Richard Osuala; Karim Lekadir; Oliver Díaz | 2024 | Conference Proceeding | 17th International Workshop on Breast Imaging (IWBI 2024)

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A Study on the Role of Radiomics Feature Stability in Predicting Breast Cancer Subtypes by Isabella Cama; Alejandro Guzman; Sara Garbarino; Cristina Campi; Karim Lekadir; Oliver Díaz | 2024 | Conference Proceeding | 17th International Workshop on Breast Imaging

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Cell-DETR: Efficient cell detection and classification in WSIs with transformers by Oscar Pina; Eduard Dorca; Verónica Vilaplana | 2024 | Medical Imaging with Deep Learning

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Unsupervised Domain Adaptation for Multi-Stain Cell Detection in Breast Cancer with Transformers by Oscar Pina; Eduard Dorca; Verónica Vilaplana | 2024 | Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) Workshops

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Diving into the Depths of Spotting Text in Multi-Domain Noisy Scenes by Alloy Das, Sanket Biswas, Umapada Pal, Josep Lladós | 2024 | IEEE International Conference on Robotics and Automation (ICRA)

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Text-DIAE: A Self-Supervised Degradation Invariant Autoencoders for Text Recognition and Document Enhancement by Mohamed Ali Souibgui, Sanket Biswas, Andres Mafla, Ali Furkan Biten, Alicia Fornés, Yousri Kessentini, Josep Lladós, Lluís Gomez, Dimosthenis Karatzas | 2024 | Proceedings of the AAAI conference on artificial intelligence

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Harnessing the Power of Multi-Lingual Datasets for Pre-Training: Towards Enhancing Text Spotting Performance by Alloy Das, Sanket Biswas, Ayan Banerjee, Josep Lladós, Umapada Pal, Saumik Bhattacharya | 2024 | Proceedings of the IEEE/CVF Winter Conference on Applications of Computer Vision (WACV), 2024

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Revisiting Skin Tone Fairness in Dermatological Lesion Classification by Thorsten Kalb; Kaisar Kushibar; Celia Cintas; Karim Lekadir; Oliver Diaz; Richard Osuala | 2024 | MICCAI Workshop on Clinical Image-Based Procedures