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   Nota di contenuto   Image Retrieval in Semiconductor Manufacturing -- Image Retrieval in Semiconductor Manufacturing -- Self-Similarity Block for Deep Image Denoising -- A request for clarity over the End of Sequence token in the Self-Critical Sequence Training -- Shallow camera pipeline for night photography enhancement -- GCK-Maps: a scene unbiased representation for efficient Human Action Recognition -- Autism spectrum disorder identification from visual exploration of images -- Target-Driven One-Shot Unsupervised Domain Adaptation -- Combining identity features and artifact analysis for Differential Morphing Attack Detection -- SynthCap: Augmenting Transformers with Synthetic Data for Image Captioning -- An Effective CNN-Based Super Resolution Method for Video Coding -- Medical Transformers for Boosting Automatic Grading of Colon Carcinoma in Histological Images

-- UAV Multi-Object Tracking by combining two Deep Neural Architectures -- Consensus Ranking for Efficient Face Image Retrieval: A Novel Method for Maximising Precision and Recall -- Towards Explainable Navigation and Recounting -- Towards facial expression robustness in multi-scale wild environments -- Depth camera face recognition by normalized fractal encodings -- Automatic Generation of Semantic Parts for Face Image Synthesis -- Improved Bilinear Pooling For Real-Time Pose Event Camera Relocalisation -- End-to-End Asbestos Roof Detection on Orthophotos Using Transformer-based YOLO Deep Neural Network -- OpenFashionCLIP: Vision-and-Language Contrastive Learning with Open-Source Fashion Data -- UAV Multi-Object Tracking by combining two Deep Neural Architectures -- GLR: Gradient-based Learning Rate scheduler -- A Large-scale Analysis of Athletes' Cumulative Race Time in Running Events -- Uncovering Lies: Deception Detection in a Rolling-Dice Experiment -- Active Class Selection for Dataset Acquisition in Sign Language Recognition -- MC-GTA: A Synthetic Benchmark for Multi-Camera Vehicle Tracking -- A differentiable entropy model for learned image compression -- Learning Landmarks Motion from Speech for Speaker-Agnostic 3D Talking Heads Generation -- SCENE-pathy: Capturing the Visual Selective Attention of People Towards Scene Elements -- Not with my name! Inferring artists' names of input strings employed by Diffusion Models -- Benchmarking of Blind Video Deblurring Methods on Long Exposure and Resource Poor Settings -- LieToMe: An LSTM-based Method for Deception Detection by Hand Movements -- Spatial Transformer Generative Adversarial Network for Image Super-Resolution -- Real-Time GAN-based Model for Underwater Image Enhancement -- HERO: A Multi-Modal Approach on Mobile Devices for Visual-Aware Conversational Assistance in Industrial Domains -- A Computer Vision-Based water level monitoring system for touchless and sustainable water dispensing -- Smoothing and Transition Matrices estimation to learn with Noisy Labels -- Semi-supervised classification for Remote Sensing datasets -- Exploiting Exif Data to Improve Image Classification using Convolutional Neural Networks -- Weak Segmentation-Guided GAN for realistic color edition -- Hand Gesture Recognition exploiting Handcrafted Features and LSTM -- An Optimized Pipeline for Image-Based Localization in Museums from Egocentric Images -- Annotating the Inferior Alveolar Canal: the Ultimate Tool -- Active Class Selection for Dataset Acquisition in Sign Language Recognition -- Enhancing PFI Prediction with GDS-MIL: A Graph-based Dual Stream MIL Approach.

| Sommario/riassunto | This two-volume set LNCS 14233-14234 constitutes the refereed proceedings of the 22nd International Conference on Image Analysis and Processing, ICIAP 2023, held in Udine, Italy, during September 11–15, 2023. The 85 full papers presented together with 7 short papers were carefully reviewed and selected from 144 submissions. The conference focuses on video analysis and understanding; pattern recognition and machine learning; deep learning; multi-view geometry and 3D computer vision; image analysis, detection and recognition; multimedia; biomedical and assistive technology; digital forensics and biometrics; image processing for cultural heritage; and robot vision. . |