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Autore	Leonardis Ales
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Altri autori (Persone)	RicciElisa RothStefan RussakovskyOlga SattlerTorsten VarolGül
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Soggetti	Image processing - Digital techniques Computer vision Computer networks User interfaces (Computer systems) Human-computer interaction Machine learning Computers, Special purpose Computer Imaging, Vision, Pattern Recognition and Graphics Computer Communication Networks User Interfaces and Human Computer Interaction Machine Learning Special Purpose and Application-Based Systems
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Nota di contenuto	Teach CLIP to Develop a Number Sense for Ordinal Regression -- Compact 3D Scene Representation via Self-Organizing Gaussian Grids -- Pix2Gif: Motion-Guided Diffusion for GIF Generation -- VETRA: A

Dataset for Vehicle Tracking in Aerial Imagery - New Challenges for Multi-Object Tracking -- SelfGeo: Self-supervised and Geodesic-consistent Estimation of Keypoints on Deformable Shapes -- Beyond Prompt Learning: Continual Adapter for Efficient Rehearsal-Free Continual Learning -- T2IShield: Defending Against Backdoors on Text-to-Image Diffusion Models -- ExMatch: Self-guided Exploitation for Semi-Supervised Learning with Scarce Labeled Samples -- Towards Certifiably Robust Face Recognition -- Linking in Style: Understanding learned features in deep learning models -- Stable Video Portraits -- UDA-Bench: Revisiting Common Assumptions in Unsupervised Domain Adaptation Using a Standardized Framework -- CliffPhys: Camera-based Respiratory Measurement using Clifford Neural Networks -- Learned Rate Control for Frame-Level Adaptive Neural Video Compression via Dynamic Neural Network -- PDiscoFormer: Relaxing Part Discovery Constraints with Vision Transformers -- Vision-Language Dual-Pattern Matching for Out-of-Distribution Detection -- Synthesizing Environment-Specific People in Photographs -- Weight Conditioning for Smooth Optimization of Neural Networks -- Energy-Clibrated VAE with Test Time Free Lunch -- MoEAD: A Parameter-efficient Model for Multi-class Anomaly Detection -- SceneTeller: Language-to-3D Scene Generation -- MagMax: Leveraging Model Merging for Seamless Continual Learning -- InternVideo2: Scaling Foundation Models for Multimodal Video Understanding -- DiffusionPen: Towards Controlling the Style of Handwritten Text Generation -- Debiasing surgeon: fantastic weights and how to find them -- Denoising Vision Transformers -- Differentiable Product Quantization for Memory Efficient Camera Relocalization.

Sommario/riassunto

The multi-volume set of LNCS books with volume numbers 15059 up to 15147 constitutes the refereed proceedings of the 18th European Conference on Computer Vision, ECCV 2024, held in Milan, Italy, during September 29–October 4, 2024. The 2387 papers presented in these proceedings were carefully reviewed and selected from a total of 8585 submissions. They deal with topics such as computer vision; machine learning; deep neural networks; reinforcement learning; object recognition; image classification; image processing; object detection; semantic segmentation; human pose estimation; 3d reconstruction; stereo vision; computational photography; neural networks; image coding; image reconstruction; motion estimation.