微软亚洲研究院创研论坛

2019 CVPR 论文分享会

日程安排

9:00-9:15 主持人：王井东　开场演讲：温江涛、马歆		
Pose and tracking. Chair: 李琦 9:15 - 10:15		
1	王生进	清华大学	Perceive where to focus: learning visibility-aware part features for partial person re-identification
2	彭厚文	微软亚洲研究院	Deeper and wider siamese networks for real-time visual tracking
3	王栋	大连理工大学	Visual Tracking via Adaptive Spatially-Regularized Correlation Filters
4	肖斌	微软亚洲研究院	Deep high-resolution representation learning for human pose estimation
Learning and recognition. Chair: 谢凌曦 10:15 - 11:15		
5	李春光	北京邮电大学	Self-Supervised Convolutional Subspace Clustering Network
6	袁淦钊	鹏城实验室	A Decomposition Algorithm for the Sparse Generalized Eigenvalue Problem
7	吴晓明	香港理工大学	Label-Efficient Semi-Supervised Learning via Graph Filtering
8	崔鹏	清华大学	Learning to learn image classifiers with visual analogy
11:15 - 12:00		
Panel discussion: 主持人：刘家瑛（北京大学） 嘉宾：赫然 （中科院自动化所），梁小丹 （中山大学），刘偲 （北京航空航天大学）， 马惠敏 （清华大学），童欣 （微软亚洲研究院），朱军 （清华大学）		
12:00 -1:45 (午餐)		
AutoML, distillation, and action. Chair: 肖斌 1:45 - 2:30		
9	薛超	IBM Research	Transferable AutoML by Model Sharing over Grouped Dataset
10	谢凌曦	华为	Snapshot Distillation: Teacher-Student Optimization in One Generation
11	胡建芳	中山大学	Progressive Teacher-student Learning for Early Action Prediction
3D and detection. Chair: 肖斌 2:30 - 3:00		
12	高盛华	上海科技大学	Single-Image Piece-wise Planar 3D Reconstruction via Associative Embedding
13	黄李超	地平线	Mask Scoring R-CNN
3:00 - 3:30 (茶歇)		
Deep learning and relationship detection. Chair: 彭厚文 3:30 - 4:30		
14	张宸	微软亚洲研究院	SeerNet: Predicting Convolution Neural Network Feature-Map Sparsity through Low-Bit Quantization
15	魏秀参	旷视科技	Multi-label image recognition with graph convolutional networks
16	张长青	天津大学	AE^2: Autoencoder in Autoencoder
17	詹忆冰	杭州电子科技大学	On Exploring Undetermined Relationships for Visual Relationship Detection
Video and Computational photography. Chair: 彭厚文 4:30 – 5:30		
18	殷慧	深圳大学	Side window filtering
19	戴玉超	西北工业大学	Bringing a Blurry Frame Alive at High Frame Rate with an Event Camera
20	徐迈	北京航空航天大学	Viewport Proposal CNN for 360° Video Quality Assessment
21	连宙辉	北京大学	DynTypo: Example-based Dynamic Text Effects Transfer
结束		

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海报展示环节

陈超奇	厦门大学	Progressive Feature Alignment for Unsupervised Domain Adaptation
陈柯宇&吴潜溢	中国科学技术大学	Disentangled Representation Learning for 3D Face Shape
胡学财	USTC & CRIPAC	1227 Meta-SR: A Magnification-Arbitrary Network for Super-Resolution
加小俊	中国科学院信息工程研究所	ComDefend: An Efficient Image Compression Model to Defend Adversarial Examples
李彦玮	中科院自动化所	Attention-guided Unified Network for Panoptic Segmentation
刘嘉阳	中国科学技术大学	Detection based Defense against Adversarial Examples from the Steganalysis Point of View
刘智威	中国科学院自动化研究所	Semantic Alignment: Finding Semantically Consistent Ground-truth for Facial Landmark Detection
苗彩敬	中国科学院大学	SIXray：A Large-scale Security Inspection X-ray Benchmark for Prohibited Item Discovery in Overlapping Images
倪天炜	北京大学	Elastic Boundary Projection for 3D Medical Imaging Segmentation
牛雪松	中科院计算所	Relationship Learning with Person-specific Regularization for Facial Action Unit Detection
秦增益	清华大学&微软亚研院	Triangulation Learning Network: from Monocular to Stereo 3D Object Detection
施逸飞	国防科大	Hierarchy Denoising Recursive Autoencoders for 3D Scene Layout Prediction
司晨阳	中国科学院自动化研究所	An Attention Enhanced Graph Convolutional LSTM Network for Skeleton-Based Action Recognition
宋思捷	北京大学	Unsupervised person image generation with semantic parsing transformation
王龙光	国防科技大学	Learning Parallax Attention for Stereo Image Super-Resolution
王强	中科院自动化所	Fast Online Object Tracking and Segmentation: A Unifying Approach
王小刚	北京航空航天大学	Shape2Motion: Joint Analysis of Motion Parts and Attributes from 3D Shapes
徐青山	华中科技大学	Multi-Scale Geometric Consistency Guided Multi-View Stereo
薛楠	武汉大学	Learning Attraction Field Representation for Robust Line Segment Detection
杨二昆	西安电子科技大学	DistillHash: Unsupervised Deep Hashing by Distilling Data Pairs
杨思蓓	香港大学	Cross-Modal Relationship Inference for Grounding Referring Expressions
易鸿伟	北京大学	MMFace: A Multi-Metric Network for Unconstrained Face Reconstruction
俞洪兴	中山大学	Unsupervised person reidentification by soft multilabel learning
张俊超	北京大学	Object-aware Aggregation with Bidirectional Temporal Graph for Video Captioning
朱睿	京东 中山大学	ScratchDet: Training Single-shot Object Detectors from Scratch
左一鸣&钟方威	清华大学&北京大学	Towards Accurate Task Accomplishment with Low Cost Robotic Arms
张建晋	清华大学	Memory In Memory: A Predictive Neural Network for Learning Higher-Order Non-Stationarity from Spatiotemporal Dynamics
史佳欣	清华大学	Explainable and Explicit Visual Reasoning over Scene Graphs
李潇	USTC&MSRA	Synthesizing 3D Shapes from Silhouette Image Collections using Multi-projection Generative Adversarial Networks
张文逍	武汉大学	PCAN：3D Attention Map Learning Using Contextual Information for Point Cloud Based Retrieval
张岩	南京大学	PartNet A Recursive Part Decomposition Network for Fine-grained and Hierarchical Shape Segmentation
孙奕帆	清华大学	Perceive Where to Focus：Learning Visibility-aware Part-level Features for Partial Person Re-identification