

## Poster Session

**Date & Time:** January 7(Tue.), 2020 | 15:00-17:00

**Place:** Room C (#105-106)

- #14 **Efficient HEVC Downscale Transcoding Based on Coding Unit Information Mapping**  
Zhijie Huang, Yunchang Li, and Jun Sun
- #19 **Fine-Grain Level Sports Video Search Engine**  
Zikai Song, Junqing Yu, Hengyou Cai, Yangliu Hu, and Yi-Ping Phoebe Chen
- #21 **The Korean Sign Language Dataset for Action Recognition**  
Seunghan Yang, Seungjun Jung, Heekwang Kang, and Changick Kim
- #22 **SEE-LPR: A Semantic Segmentation Based End-to-End System for Unconstrained License Plate Detection and Recognition**  
Dongqi Tang, Hao Kong, Xi Meng, Ruo-Ze Liu, and Tong Lu
- #28 **Action Co-localization in an Untrimmed Video by Graph Neural Networks**  
Changbo Zhai, Le Wang, Qilin Zhang, Zhanning Gao, Zhenxing Niu, Nanning Zheng, and Gang Hua
- #37 **A Novel Attention Enhanced Dense Network For Image Super-Resolution**  
Zhong-Han Niu, Yang-Hao Zhou, Yu-Bin Yang, and Jian-Cong Fan
- #39 **Marine Biometric Recognition Algorithm Based on YOLOv3-GAN Network**  
Ping Liu, Hongbo Yang, and Jingnan Fu
- #47 **Multi-scale Spatial Location Preference for Semantic Segmentation**  
Qiyuan Han and Jin Zheng
- #56 **HRTF Representation with Convolutional Auto-encoder**  
Wei Chen, Ruimin Hu, Xiaochen Wang, and Dengshi Li
- #64 **Unsupervised Feature Propagation for Fast Video Object Detection Using Generative Adversarial Networks**  
Xuan Zhang, Guangxing Han, and Wenduo He
- #67 **OmniEyes: Analysis and Synthesis of Artistically Painted Eyes**  
Gjorgji Strezoski, Rogier Knoester, Nanne van Noord, and Marcel Worring
- #72 **LDSNE: Learning Structural Network Embeddings by Encoding Local Distances**  
Xiyue Gao, Jun Chen, Jing Yao, and Wenqian Zhu
- #79 **FurcaNeXt: End-to-End Monaural Speech Separation with Dynamic Gated Dilated Temporal Convolutional Networks**  
Liwen Zhang, Ziqiang Shi, Jiqing Han, Anyan Shi, and Ding Ma
- #80 **Multi-step Coding Structure of Spatial Audio Object Coding**  
Chenhao Hu, Ruimin Hu, Xiaochen Wang, Tingzhao Wu, and Dengshi Li
- #84 **Thermal Face Recognition Based on Transformation by Residual U-Net and Pixel Shuffle Upsampling**  
Soumya Chatterjee and Wei-Ta Chu

#93	<b>K-SVD Based Point Cloud Coding for RGB-D Video Compression Using 3D Super-Point Clustering</b> Shyi-Chyi Cheng, Ting-Lan Lin, and Ping-Yuan Tseng
#97	<b>Resolution Booster: Global Structure Preserving Stitching Method for Ultra-High Resolution Image Translation</b> Siyi Zhai, Xiwei Hu, Xuanhong Chen, Bingbing Ni, and Wenjun Zhang
#109	<b>Cross Fusion for Egocentric Interactive Action Recognition</b> Haiyu Jiang, Yan Song, Jiang He, and Xiangbo Shu
#111	<b>Improving Brain Tumor Segmentation with Dilated Pseudo-3D Convolution and Multi-direction Fusion</b> Sun'ao Liu, Hai Xu, Yizhi Liu, and Hongtao Xie
#112	<b>Texture-Based Fast CU Size Decision and Intra Mode Decision Algorithm for VVC</b> Jian Cao, Na Tang, Jun Wang, and Fan Liang
#115	<b>An Efficient Hierarchical Near-Duplicate Video Detection Algorithm Based on Deep Semantic Features</b> Siyi Liang and Ping Wang
#118	<b>Meta Transfer Learning for Adaptive Vehicle Tracking in UAV Videos</b> Wenfeng Song, Shuai Li, Yuting Guo, Shaoqi Li, Aimin Hao, Hong Qin, and Qinqing Zhao
#129	<b>Adversarial Query-by-Image Video Retrieval Based on Attention Mechanism</b> Ruicong Xu, Li Niu, and Liqing Zhang
#132	<b>Joint Sketch-Attribute Learning for Fine-Grained Face Synthesis</b> Binxin Yang, Xuejin Chen, Richang Hong, Zihan Chen, Yuhang Li, and Zheng-Jun Zha
#133	<b>High Accuracy Perceptual Video Hashing via Low-Rank Decomposition and DWT</b> Lv Chen, Dengpan Ye, and Shunzhi Jiang
#136	<b>HMM-Based Person Re-identification in Large-Scale Open Scenario</b> Dongyang Li, Ruimin Hu, Wenxin Huang, Xiaochen Wang, Dengshi Li, and Fei Zheng
#140	<b>No Reference Image Quality Assessment by Information Decomposition</b> Junchen Deng, Ci Wang, and Shiqi Liu
#151	<b>Multi-Scale Comparison Network for Few-Shot Learning</b> Pengfei Chen, Minglei Yuan, and Tong Lu
#159	<b>Semantic and Morphological Information Guided Chinese Text Classification</b> Jiayu Song, Qinghua Xu, Wei Liu, Yueran Zu, and Mengdong Chen
#160	<b>A Delay-Aware Adaptation Framework for Cloud Gaming Under the Computation Constraint of User Devices</b> Duc V. Nguyen, Hutem T. T. Tran, and Truong Con Thang
#161	<b>Efficient Edge Caching for High-Quality 360-Degree Video Delivery</b> Dongbiao He, Jinlei Jiang, Cédric Westphal, and Guangwen Yang

#169	<b>Inferring Emphasis for Real Voice Data: An Attentive Multimodal Neural Network Approach</b> Suping Zhou, Jia Jia, Long Zhang, Yanfeng Wang, Wei Chen, Fanbo Meng, Fei Yu, and Jialie Shen
#172	<b>PRIME: Block-Wise Missingness Handling for Multi-modalities in Intelligent Tutoring Systems</b> Xi Yang, Yeo-Jin Kim, Michelle Taub, Roger Azevedo, and Min Chi
#174	<b>A New Local Transformation Module for Few-Shot Segmentation</b> Yuwei Yang, Fanman Meng, Hongliang Li, Qingbo Wu, Xiaolong Xu, and Shuai Chen
#179	<b>Background Segmentation for Vehicle Re-identification</b> Mingjie Wu, Yongfei Zhang, Tianyu Zhang, and Wenqi Zhang
#182	<b>Face Tells Detailed Expression: Generating Comprehensive Facial Expression Sentence Through Facial Action Units</b> Joanna Hong, Hong Joo Lee, Yelin Kim, and Yong Man Ro
#183	<b>A Deep Convolutional Deblurring and Detection Neural Network for Localizing Text in Videos</b> Yang Wang, Ye Qian, Jiahao Shi, and Feng Su
#193	<b>Generate Images with Obfuscated Attributes for Private Image Classification</b> Wei Hou, Dakui Wang, and Xiaojun Chen
#200	<b>A Compact Deep Neural Network for Single Image Super-Resolution</b> Xiaoyu Xu, Jian Qian, Li Yu, Shengju Yu, Hao Tao, and Ran Zhu
#206	<b>An Efficient Algorithm of Facial Expression Recognition by TSG-RNN Network</b> Kai Huang, Jianjun Li, Shichao Cheng, Jie Yu, Wanyong Tian, Lulu Zhao, Junfeng Hu, and Chin-Chen Chang
#208	<b>Structured Neural Motifs: Scene Graph Parsing via Enhanced Context</b> Yiming Li, Xiaoshan Yang, and Changsheng Xu
#222	<b>TK-Text: Multi-shaped Scene Text Detection via Instance Segmentation</b> Xiaoge Song, Yirui Wu, Wenhai Wang, and Tong Lu
#236	<b>More-Natural Mimetic Words Generation for Fine-grained Gait Description</b> Hirotaka Kato, Takatsugu Hirayama, Ichiro Ide, Keisuke Doman, Yasutomo Kawanishi, Daisuke Deguchi, and Hiroshi Murase
#237	<b>Lite Hourglass Network for Multi-person Pose Estimation</b> Ying Zhao, Zhiwei Luo, Changqin Quan, Dianchao Liu, and Gang Wang