

IEEE TRANSACTIONS ON *MULTIMEDIA*

A PUBLICATION OF
THE IEEE CIRCUITS AND SYSTEMS SOCIETY
THE IEEE SIGNAL PROCESSING SOCIETY
THE IEEE COMMUNICATIONS SOCIETY
THE IEEE COMPUTER SOCIETY



<http://www.signalprocessingsociety.org/tmm/>

OCTOBER 2020

VOLUME 22

NUMBER 10

ITMUF8

(ISSN 1520-9210)

REGULAR PAPERS

<i>3-D Video Signal Processing</i>	
2-D Skeleton-Based Action Recognition via Two-Branch Stacked LSTM-RNNs	2481
..... <i>D. Avola, M. Cascio, L. Cinque, G. L. Foresti, C. Massaroni, and E. Rodolà</i>	
<i>Compression and Coding</i>	
Deep Reference Generation With Multi-Domain Hierarchical Constraints for Inter Prediction	2497
..... <i>J. Liu, S. Xia, and W. Yang</i>	
<i>Watermarking, Encryption, and Data Hiding</i>	
CGR-GAN: CG Facial Image Regeneration for Antiforensics Based on Generative Adversarial Network	2511
..... <i>F. Peng, L.-P. Yin, L.-B. Zhang, and M. Long</i>	
Steganographic Security Analysis From Side Channel Steganalysis and Its Complementary Attacks	2526
..... <i>L. Li, W. Zhang, K. Chen, and N. Yu</i>	
<i>Image/Video/Graphics Analysis and Synthesis</i>	
Variational Single Image Dehazing for Enhanced Visualization	2537
..... <i>F. Fang, T. Wang, Y. Wang, T. Zeng, and G. Zhang</i>	
Deep Gesture Video Generation With Learning on Regions of Interest	2551
..... <i>R. Cui, Z. Cao, W. Pan, C. Zhang, and J. Wang</i>	
<i>Sparse Multimedia Signal Processing</i>	
Adaptive Image Sampling Using Deep Learning and Its Application on X-Ray Fluorescence Image Reconstruction	2564
..... <i>Q. Dai, H. Chopp, E. Pouyet, O. Cossairt, M. Walton, and A. K. Katsaggelos</i>	
<i>Green Multimedia Communications and Computing</i>	
Fine-Grained Classification of Internet Video Traffic From QoS Perspective Using Fractal Spectrum	2579
..... <i>P. Tang, Y. Dong, J. Jin, and S. Mao</i>	

(Contents Continued on Back Cover)



<i>Video Surveillance and Semantic Analysis</i>	
A Strong Baseline and Batch Normalization Neck for Deep Person Re-Identification	2597
. <i>H. Luo, W. Jiang, Y. Gu, F. Liu, X. Liao, S. Lai, and J. Gu</i>	
GLNet: Global Local Network for Weakly Supervised Action Localization	2610
. <i>S. Zhang, L. Song, C. Gao, and N. Sang</i>	
<i>Subjective and Objective Quality Assessment and User Experience</i>	
Deep Multimodality Learning for UAV Video Aesthetic Quality Assessment	2623
. <i>Q. Kuang, X. Jin, Q. Zhao, and B. Zhou</i>	
No-Reference Quality Evaluation of Stereoscopic Video Based on Spatio-Temporal Texture	2635
. <i>J. Yang, Y. Zhao, B. Jiang, W. Lu, and X. Gao</i>	
<i>Multimedia Interfaces and Interaction</i>	
Representing Modifiable and Reusable Musical Content on the Web With Constrained Multi-Hierarchical Structures	2645
. <i>F. Thalmann, G. A. Wiggins, and M. B. Sandler</i>	
<i>Multimedia Search and Retrieval</i>	
Food Recommendation: Framework, Existing Solutions, and Challenges	2659
. <i>W. Min, S. Jiang, and R. Jain</i>	
<i>Multimedia Streaming and Transport</i>	
Statistical Learning Based Congestion Control for Real-Time Video Communication	2672
. <i>T. Dai, X. Zhang, Y. Zhang, and Z. Guo</i>	
<i>Big Data Analytics on Multimedia Data and Crowd Sourcing for Multimedia Applications</i>	
Character-Oriented Video Summarization With Visual and Textual Cues	2684
. <i>P. Zhou, T. Xu, Z. Yin, D. Liu, E. Chen, G. Lv, and C. Li</i>	
<i>Deep Learning for Multimedia Analysis</i>	
Ensemble Tracking Based on Diverse Collaborative Framework With Multi-Cue Dynamic Fusion	2698
. <i>Y. Han, P. Zhang, T. Zhuo, W. Huang, Y. Zha, and Y. Zhang</i>	
Unsupervised Video Summarization With Cycle-Consistent Adversarial LSTM Networks	2711
. <i>L. Yuan, F. E. H. Tay, P. Li, and J. Feng</i>	
Relation Attention for Temporal Action Localization	2723
. <i>P. Chen, C. Gan, G. Shen, W. Huang, R. Zeng, and M. Tan</i>	
<i>Deep Learning for Multimedia Processing</i>	
ATMFN: Adaptive-Threshold-Based Multi-Model Fusion Network for Compressed Face Hallucination	2734
. <i>K. Jiang, Z. Wang, P. Yi, G. Wang, K. Gu, and J. Jiang</i>	

Information for Authors <https://signalprocessingsociety.org/publications-resources/information-authors>
