
PAPER LIST

March 19: Nonlinear Filtering

[Joint Contour Filtering](#)

Xing Wei1, Qingxiong Yang, Yihong Gong. IJCV 2018.

April 9: Convolutional Neural Networks

[Image Smoothing via Unsupervised Learning](#)

Qingnan Fan, Jiaolong Yang, David Wipf, Baoquan Chen, Xin Tong. SIGGRAPH Asia 2018.

<https://github.com/fqnchina/ImageSmoothing>

Apr 16: Deep Generative Networks

[Large Scale GAN Training for High Fidelity Natural Image Synthesis](#)

Andrew Brock, Jeff Donahue, Karen Simonyan. ICLR 2019.

https://colab.research.google.com/github/tensorflow/hub/blob/master/examples/colab/biggan_generation_with_tf_hub.ipynb

Apr 30: Image to Image Translation

[Deep Context-Aware Descreening and Rescreening of Halftone Images](#)

Tae-hoon Kim, Sang Il Park. SIGGRAPH 2018.

<https://github.com/thnkim/thnkim.github.com>

May 14: Image Deblurring

[Gated Fusion Network for Joint Image Deblurring and Super-Resolution](#)

Xinyi Zhang, Hang Dong, Zhe Hu, Wei-Sheng Lai, Fei Wang, Ming-Hsuan Yang. BMVC 2018.

<http://xinyizhang.tech/bmvc2018/>

May 21: Semantic/Instance Segmentation

[Instance-level Human Parsing via Part Grouping Network](#)

Ke Gong, Xiaodan Liang, Yicheng Li, Yimin Chen, Ming Yang, Liang Lin. ECCV 2018.

<http://sysu-hcp.net/lip/>