

Papers to Review and Critique Deadline: 28 March 2018 (UTC-12)

You all need to submit the critique/reviews of any one paper and also prepare a short presentation of your reviews/critique.

1. Deep Learning Face Representation by Joint Identification-Verification

(<http://papers.nips.cc/paper/5416-deep-learning-face-representation-by-joint-identification-verification.pdf>)

Authors: Yi Sun, Yuheng Chen, Xiaogang Wang, Xiaoou Tang

2. Surpassing Human-Level Face Verification Performance on LFW with GaussianFace

(<https://www.aaai.org/ocs/index.php/AAAI/AAAI15/paper/viewFile/9845/9816>)

Authors: C Lu, X Tang - Proceedings of the Twenty-Ninth AAAI Conference on Artificial Intelligence, 2015

3. A Fast and Accurate Unconstrained Face Detector

(<http://ieeexplore.ieee.org/document/7130626/>)

Authors: Shengcai Liao, Anil K. Jain, and Stan Z. Li

4. S³FD: Single Shot Scale-invariant Face Detector

(<https://arxiv.org/abs/1708.05237>)

Authors: Shifeng Zhang, Xiangyu Zhu, Zhen Lei, Hailin Shi, Xiaobo Wang, Stan Z. Li

5. Deep Learning Face Representation from Predicting 10,000 Classes

(http://mmlab.ie.cuhk.edu.hk/pdf/YiSun_CVPR14.pdf)

Authors: Yi Sun, Xiaogang Wang, Xiaoou Tang

6. One-shot Face Recognition by Promoting Underrepresented Classes

(<https://arxiv.org/pdf/1707.05574.pdf>)

Authors: Yandong Guo, Lei Zhang

7. Discriminative K-SVD for dictionary learning in face recognition
(<http://ieeexplore.ieee.org/abstract/document/5539989/>)

Authors: Qiang Zhang, Baoxin Li

8. Dictionary-based face recognition from video
(https://link.springer.com/chapter/10.1007/978-3-642-33783-3_55)

Authors: Y.-C. Chen, V. M. Patel, P. J. Phillips, R. Chellappa

9. Integration of image quality and motion cues for face anti-spoofing: A neural network approach
(<https://www.sciencedirect.com/science/article/pii/S1047320316300244>)

Authors: Litong Feng, Lai-Man Po, Yuming Li, Xuyuan Xu, Fang Yuan, Terence Chun-Ho Cheung, Kwok-Wai Cheung

10. Face spoofing detection using colour texture analysis
(<http://ieeexplore.ieee.org/abstract/document/7454730/>)

Authors : Z. Boulkenafet, J. Komulainen, and A. Hadid

11. Ultra-deep Neural Network for Face Anti-spoofing
(https://link.springer.com/content/pdf/10.1007%2F978-3-319-70096-0_70.pdf)

Authors: Xiaokang Tu and Yuchun Fang

12. Can face anti-spoofing countermeasures work in a real world scenario?
(<http://ieeexplore.ieee.org/abstract/document/6612981/>)

Authors: T. de Freitas Pereira, A. Anjos, J. M. D. Martino, and S. Marcel.

13. Detecting silicone mask-based presentation attack via deep dictionary learning
(<http://ieeexplore.ieee.org/abstract/document/7867821/>)

Authors: I. Manjani, S. Tariyal, M. Vatsa, R. Singh, and A. Majumdar.

14. Blinking-based live face detection using conditional random fields
(https://link.springer.com/chapter/10.1007/978-3-540-74549-5_27)

Authors: L. Sun, G. Pan, Z. Wu, and S. Lao.