Real-time Facial Landmarks Localisation in the Wild

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Abstract:
In this talk, I will present two algorithms on Facial Landmarks Localisation. The first one in particular focuses on dealing with face images with heavy partial occlusions. By integrating Regression Forests, Random Ferns and unsupervised segmentation, this algorithm can localise the facial landmarks and predict the face mask simultaneously. The second one is based on iterative cascaded learning, which is a real-time system for accurate facial landmark localisation in the wild.

About the Speaker:

Heng Yang <https://sites.google.com/site/yanghengcv/home> is a final year PhD student in Multimedia and Vision Group in Queen Mary University of London, UK, working with Dr. Ioannis Patras and Prof. Shaogang Gong. Prior to this, he has obtained M.Sc. and B.Eng from National University of Defense Technology, China. His recent research focuses on random forests, cascaded learning with their applications on human pose estimation and face analysis. He has published several papers in major conferences like ICCV, CVPR, FG, BMVC and ACCV. Part of his work on facial behaviour analysis and 3D reconstruction has been embedded into projects like EU FP7 REVERIE <http://www.reveriefp7.eu/>. He has developed a software *MailScanner has detected a possible fraud attempt from "188.226.215.232" claiming to be* <http://188.226.215.232/> CoolFace <http://188.226.215.232/> for facial landmarks localisation, which is available for cloud and mobile use.

All are welcome!
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