

CFP of Special Session at FG 2019

Title:

Efficient and Reliable 3D Face Analysis

Scope:

Along with the fast development of 3D imaging techniques, it has become possible that 3D face scans can be captured in real-time dynamic flows of an acceptable resolution and some low-cost depth cameras, such as Microsoft Kinect and Intel RealSense, have shown their perspectives in practical scenarios. Furthermore, Face ID delivered by iPhone has proved that the 3D solution is able to largely improve person identification applications. Therefore, in recent years, efficient and reliable 3D face analysis, especially for portable smart terminals, has been greatly extended and has received increasing attentions in the academia and industry.

Different from previous research on 3D face analysis, this special session aims at discussing two major aspects: (1) efficient methods for practical 3D face analysis, e.g. lightweight deep model, and (2) reliable 3D face analysis methods robust to illumination, pose, occlusion, spoofing, etc. We welcome submissions on topics related to the two questions. Submissions will be peer-reviewed and follow the standard IEEE FG2019 format.

Organizers:

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Dr. Hu Han, Institute of Computing Technology, CAS, China (hanhu@ict.ac.cn).

Dates:

Submission deadline: **9 December 2018**

If there is any problem, please do not hesitate to contact us.