15th IEEE International Conference on
Automatic Face and Gesture Recognition

FG 2020

May 18-22 Buenos Aires, Argentina

3rd Micro-Expression Grand Challenge (MEGC) Workshop

http://megc2020.psych.ac.cn (Backup Website: https://megc2020.github.io/)

Important Dates

Submission Deadline:
~~31 Jan 2020~~
10 Feb 2020

Notification:
14 Feb 2020

Camera-Ready:
~~28 Feb 2020~~
05 Mar 2020

Organizing Chairs

Su-Jing Wang
Chinese Academy of Sciences, China

Moi Hoon Yap
Manchester Metropolitan University, UK

John See
Multimedia University, Malaysia

Xiaopeng Hong
Xi'an Jiaotong University, China

Xiaobai Li
University of Oulu, Finland

Advisory panel

Xiaolan Fu
Chinese Academy of Sciences, China

Guoying Zhao
University of Oulu, Finland

Micro-facial expressions (MEs) are involuntary movements of the face that occur spontaneously in a high-stakes environment. Computational analysis and automation of tasks on micro expressions is an emerging area in face research, with a strong interest appearing as recent as 2014. Only recently, the availability of a few spontaneously induced facial micro-expression datasets has provided the impetus to advance further from the computational aspect. CAS(ME)^2 and SAMM Long Videos are two facial macro- and micro- expression databases which contain long video sequences. While much research has been done on short videos, there has been not many attempts to spot micro-expressions on long videos. This workshop is organized with the aim of promoting interactions between researchers and scholars from within this niche area of research, and also those from broader, general areas of computer vision and psychology research.

AGENDAS

1. To organize the third Grand Challenge for facial micro-expression research, involving **spotting macro- and micro-expression on long videos** in CAS(ME)^2 and SAMM.

2. To solicit original works that address a variety of challenges of ME research, but not limited to:

- ME spotting/detection by using self-supervised learning
- ME recognition by using self-supervised learning
- ME feature representation and computational analysis
- Unified ME spot-and-recognize schemes
- Deep learning techniques for MEs spotting and recognition
- MEs data analysis and synthesis
- New datasets for MEs
- Psychology of MEs

SUBMISSIONS

Detail of the three challenges can be found in the workshop website, Challenge submissions should be accompanied by a paper submission.

Workshop paper format should adhere to the paper submission guidelines for FG2020: https://fg2020.org/instructions-of-paper-submission-for-review/

Submission website: https://cmt3.research.microsoft.com/MEGC2020