ACM Multimedia 2022
Lisbon, Portugal | 10-14 October

ACM MM'22 - Facial Micro-Expression Grand Challenge (MEGC2022) and Workshop (FME'22)

Website: https://megc2022.github.io

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. **MEGC2022:** To organize the 5th Grand Challenge for facial micro-expression research, involving **spotting macro- and micro-expression on long videos** in CAS(ME)^2 and SAMM Long Videos, and micro-expression generation.

2. **FME'22 workshop:** To solicit original works that address a variety of challenges of ME research, but not limited to:

- Facial expressions (both micro- and macro-expressions) detection/spotting
- Facial expressions recognition
- Multi-modal micro-expression analysis, combining such as depth information, heart rate signal etc.
- FME feature representation and computational analysis
- Unified FME spot-and-recognize schemes
- Deep learning techniques for FMEs detection and recognition
- New objective classes for FMEs analysis
- New FMEs datasets Facial expressions data synthesis
- Psychology of FMEs research
- Facial Action Unit (AU) detection and recognition
- Emotion recognition using AUs
- FME Applications

SUBMISSIONS

Detail of the workshop (FME'22) and the challenge (MEGC2022) can be found in the https://megc2022.guthub.io.

Challenge submissions should be accompanied by a paper submission.

The paper format should adhere to the paper submission guidelines for ACM MULTIMEDIA 2022: https://2022.acmmm.org/call-for-papers/.

Submission website: CMT-TBD

Important Dates

Challenge:
Submission Deadline:
~~18 June 2022~~ **25 June 2022**
Notification:
07 July 2022
Camera-Ready:
20 July 2022

Workshop:
Submission Deadline:
10 July 2022
Notification:
29 July 2022
Camera-Ready:
07 August 2022

Organizing Chairs

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