

# Facial Micro-Expression Grand Challenge

## Call for Participation

We invite submissions for the 7th edition of the Micro-Expression Grand Challenge (MEGC). Participants can submit their algorithms to two different sub-challenges. Authors of winning entries will be invited to write a paper on their submission.

## Key Dates

### Leaderboard & Test Set (CCS task only)

Opens: 10th June 2024  
Closes: 22nd July 2024

**Result Notification**  
29th July 2024

**Grand Challenge  
Paper Invitation**  
TBC

## Submission

Full submission details can be found on the challenge website:  
<https://megc2024.github.io>

All participants are required to evaluate their proposed algorithm according to the corresponding challenge

## Challenge Tasks

Recently, several long-video micro-expression databases have been published by the academic community, i.e. CAS(ME)2, SAMM-LV, CAS(ME)3, and 4DME; the last two being the most recently established large scale datasets.

This edition of the MEGC comprises of 2 sub-challenges:

- (1) **Cross-Cultural Spotting (CCS) Task**, where the spotting task is evaluated on an unseen cross-cultural long-video test set, which tests the robustness and generalizational capabilities of algorithms.
- (2) **Spot-then-Recognize (STR) Task**, which combines the spotting task followed by recognition in a sequential manner. This provides a realistic setting starting from a raw video until the ME is recognized for its type.

Submissions for the CCS challenge are required to be evaluated on the Codalab leaderboard; submissions for the STR challenge are evaluated offline using the provided evaluation scripts.

## Organisers

### Programme Chairs

**John See**, Heriot-Watt University Malaysia  
**Adrian K. Davison**, Manchester Metropolitan University, UK  
**Jingting Li**, Chinese Academy of Sciences

### Programme Committee

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