EmoSPACE   2nd International Workshop on
Emotion Representation, Analysis and Synthesis in Continuous Time and Space
In conjunction with IEEE FG 2013, Shanghai, China, 22/26 April, 2013

The *2nd International Workshop on Emotion Representation, Analysis and Synthesis in Continuous Time and Space – EmoSPACE* will be held in conjunction with the *IEEE FG 2013* in Shanghai on the 22/26 of April, 2013.

http://emotion-research.net/sigs/speech-sig/emospace-2013/

Organisers

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Scope

Building upon the success of the first EmoSPACE workshop at IEEE FG'11, the second workshop in the EmoSPACE Workshop series aims to (i) focus on continuity in input, analysis and synthesis in terms of continuity in time and continuity in affective, mental and social dimensions and phenomena, and (ii) discuss the issues and the challenges pertinent in sensing, recognizing and responding to continuous human affective and social behaviour from diverse communicative cues and modalities.

The key aim of EmoSPACE'13 is to present cutting-edge research and new challenges in automatic and continuous analysis and synthesis of human affective and social behaviour in time and/or space in an interdisciplinary forum of affective and behavioural scientists. More specifically, the workshop aims (i) to bring forth existing efforts and major accomplishments in modelling, analysis and synthesis of affective and social behaviour in continuous time and/or space, (ii) while encouraging the design of novel applications in context as diverse as human-computer and human-robot interaction, clinical and biomedical studies, learning and driving environments, and entertainment technology, and (iii) to focus on current trends and future directions in the field.

Program Committee

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Important Dates

Paper submission
21 November 2012

Notification of acceptance
8 January 2013

Camera ready paper
15 January 2013

Workshop
22 or 26 April 2013 (t.b.a.)

Suggested workshop topics include, but are by no means limited to:

Cues for continuous affective, mental and social state recognition
- facial expressions
- head movements and gestures
- body postures and gestures
- audio (e.g., speech, non-linguistic vocalisations, etc.)
- bio signals (e.g., heart, brain, thermal signals, etc.)

Automatic analysis and prediction
- approaches for discretised and continuous prediction
- identifying appropriate classification and prediction methods
- introducing or identifying optimal strategies for fusion
- techniques for modelling high inter-subject variation
- approaches to determining duration of affective and social cues for automatic analysis

Data acquisition and annotation
- elicitation of affective, mental and social states
- individual variations (interpersonal and cognitive issues)
- (multimodal) naturalistic data sets and annotations
- (multimodal) annotation tools
- modelling annotations from multiple raters and their reliability

Applications
- interaction with robots, virtual agents, and games (including tutoring)
- mobile affective computing
- smart environments & digital spaces (e.g., in a car, or digital artworks)
- implicit (multimedia) tagging
- clinical and biomedical studies (e.g., autism, depression, pain etc.)

Submission Policy

In submitting a manuscript to this workshop, the authors acknowledge that no paper substantially similar in content has been submitted to another conference or workshop.

Manuscripts should be in the IEEE FG paper format
http://fg2013.cse.sc.edu/submissions.html.

Authors should submit papers as a PDF file.

Papers accepted for the workshop will be allocated 6 pages in the proceedings, with the option of having up to 2 extra pages.

EmoSPACE reviewing is double blind. Reviewing will be by members of the program committee. Each paper will receive at least two reviews.

Acceptance will be based on relevance to the workshop, novelty, and technical quality.

Submission and reviewing will be handled via easychair.

Please submit your paper via
https://www.easychair.org/conferences/?conf=emospace2013 .