

# ES<sup>3</sup> 2012

4th International Workshop on

## Corpora for Research on EMOTION SENTIMENT & SOCIAL SIGNALS

Satellite of LREC 2012, ELRA, Full Day Workshop on Saturday, 26 May 2012, Istanbul, Turkey, <http://emotion-research.net/signs/speech-sig/es12>

### Organisers

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Interactive Emotion Games

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### Important Dates

*1500-2000 words abstract  
submission deadline*  
20 February 2012

[https://www.softconf.com/  
lrec2012/ES3-2012/](https://www.softconf.com/lrec2012/ES3-2012/)

*Notification of acceptance*  
12 March 2012

*Camera ready paper*  
20 March 2012

*Workshop*  
26 May 2012

### Scope

The fourth instalment of the workshop series on Corpora for Research on Emotion held at LREC aims at further cross-fertilisation between the highly related communities of emotion and affect processing based on acoustics of the speech signal, and linguistic analysis of spoken and written text, i.e., the field of sentiment analysis including figurative languages such as irony, sarcasm, satire, metaphor, parody, etc. At the same time, the workshop opens up for the emerging field of behavioural and social signal processing including signals such as laughs, smiles, sighs, hesitations, consents, etc. Besides data from human-system interaction, dyadic and human-to-human data, its labelling and suited models as well as benchmark analysis and evaluation results on suited and relevant corpora are invited. By this, we aim at bridging between these larger and highly connected fields: Emotion and sentiment are part of social communication, and social signals are highly relevant in helping to better understand affective behaviour and its context. For example, understanding of a subject's personality is needed to make better sense of observed emotional patterns. At the same time, non-linguistic behaviour such as laughter and linguistic analysis can give further insight into the state or personality trait of the subject.

All these fields further share a unique trait: Genuine emotion, sentiment and social signals are hard to collect, ambiguous to annotate, and tricky to distribute due to privacy reasons. In addition, the few available corpora suffer from a number of issues owing to the peculiarity of these young and emerging fields: As in no related task, different forms of modellings exist, and ground truth is never solid due to the often highly different perception of the mostly very few annotators. Due to data sparseness, cross-validation without strict partitioning including development sets and without strict separation of speakers and subjects throughout partitioning are frequently seen.

### Topics include, but are not limited to:

- + Novel corpora of affective speech in audio & multimodal data
- + Novel corpora for sentiment and opinion mining analysis
- + Novel corpora of audio & multimodal behavioural & social signals
- + Novel corpora with combined annotation of the above
- + Analysis in speech, language & multimodal cues
- + Rich emotion and personality: dimensional, complex, categories, etc.
- + Figurative languages: irony, sarcasm, satire, metaphor, parody, etc.
- + Social signals: laughs, smiles, sighs, hesitations, consents, etc.
- + Discussion of models for emotion, sentiment & social signals
- + Measures for quantitative corpus quality assessment
- + Standardisation of corpora and labels for cross-corpus testing
- + Real-life applications of language & multimodal resources
- + Long-term recordings of interactional & dyadic communication
- + Rich & novel annotations such as inclusion of situational context
- + Communications on testing protocols
- + Evaluations on novel or multiple corpora
- + New methods for community or distributed annotation
- + Unsupervised learning techniques to exploit additional data
- + Synthesis of data for learning in sparse data tasks
- + Resources for underrepresented languages & cultures
- + Evaluations on novel or multiple corpora

### Program Committee

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### Submission Policy

Submitted abstracts of papers for oral and poster must consist of about 1500-2000 words.

Final submissions should be 4 pages long, must be in English, and follow the submission guidelines at LREC 2012.

When submitting a paper from the START page, authors will be asked to provide essential information about resources (in a broad sense, i.e. also technologies, standards, evaluation kits, etc.) that have been used for the work described in the paper or are a new result of your research. For further information on this new initiative, please refer to <http://www.lrec-conf.org/lrec2012/?LRE-Map-2012>

<http://emotion-research.net/signs/speech-sig/es12>

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