

9th Workshop on Computational Approaches to Subjectivity, Sentiment and Social Media Analysis (WASSA 2018)

Background

Research in automatic Subjectivity and Sentiment Analysis (SSA), as subtasks of Affective Computing and Natural Language Processing (NLP), has flourished in the past years. The growth in interest in these tasks was motivated by the birth and rapid expansion of the Social Web that made it possible for people all over the world to share, comment or consult content on any given topic. In this context, opinions, sentiments and emotions expressed in Social Media texts have been shown to have a high influence on the social and economic behaviour worldwide. SSA systems are highly relevant to many real-world applications (e.g. marketing, eGovernance, business intelligence, social analysis, public health) and also many tasks in NLP information extraction, question answering, textual entailment, to name just a few. The importance of this field has been proven by the high number of approaches proposed in research in the past decade, as well as by the interest that it raised from other disciplines (Economics, Sociology, Psychology, Marketing, Crisis Management, Behavioral Studies) and the applications that were created using its technology. In spite of the growing body of research in the area in the past years, dealing with affective phenomena in text has proven to be a complex, interdisciplinary problem that remains far from being solved. Its challenges include the need to address the issue from different perspectives, at different levels, and different modalities, depending on the characteristics of the textual genre, the language(s) treated and the final application for which the analysis is done. Additionally, SSA from Social Media texts has opened the way to many other types of analyses, linking textual data with images, social network metadata and social-media-specific text markings (e.g. Twitter hashtags). Finally, the possibility to follow trends on opinions, while comparing and contrasting different sources of information (e.g. mainstream media vs. social media) allows for a more complete view and fairer opinion formation process.

Envisaged Scope of WASSA 2018

The aim of the 8th Workshop on Computational Approaches to Subjectivity, Sentiment and Social Media Analysis (WASSA 2017) is to continue the line of the previous editions, bringing together researchers in Computational Linguistics working on Subjectivity and Sentiment Analysis and researchers working on interdisciplinary aspects of affect computation from text. Additionally, starting with WASSA 2013, we extended the focus to Social Media phenomena and the impact of affect-related phenomena in this context. In this new proposed edition, we would like to encourage the submission of long and short research and demo papers including, but not restricted to the following topics related to subjectivity and sentiment analysis:

- Resources for subjectivity, sentiment and social media analysis; (semi-)automatic corpora generation and annotation
- Opinion retrieval, extraction, categorization, aggregation and summarization
- Trend detection in social media using subjectivity and sentiment analysis techniques
- Data linking through social networks based on affect-related NLP methods
- Impact of affective data from social media
- Mass opinion estimation based on NLP and statistical models
- Online reputation management
- Topic and sentiment studies and applications of topic-sentiment analysis
- Domain, topic and genre dependency of sentiment analysis
- Ambiguity issues and word sense disambiguation of subjective language
- Pragmatic analysis of the opinion mining task
- Use of Semantic Web technologies for subjectivity and sentiment analysis
- Improvement of NLP tasks using subjectivity and/or sentiment analysis
- Intrinsic and extrinsic evaluations subjectivity and sentiment analysis
- Subjectivity, sentiment and emotion detection in social networks
- Classification of stance in dialogues
- Applications of sentiment and social media analysis systems
- Application of theories from other related fields (Neuropsychology, Cognitive Science, Psychology) to subjectivity and sentiment analysis
- Visualizing affect in traditional text sources as well as social media posts

Important dates

- Submission deadline: 27 July, 2018
- Notification: 18 August, 2018
- Camera-ready deadline: 31 August, 2018
- Workshop date: 31 October or 1 November, 2018

Organizers

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