



# WASSA 2012



## *3<sup>rd</sup> Workshop on Computational Approaches to Subjectivity and Sentiment Analysis (WASSA 2012)*

- Satellite workshop to ACL 2012 (Jeju, Korea) –
- Endorsed by [SIGLEX](#), [SIGNLL](#) and [SIGSEM](#)

<http://gplsi.dlsi.ua.es/congresos/wassa2012/>

### IMPORTANT DATES:

**April 15, 2012:** Extended paper submission deadline

**May 3, 2012:** Notification of acceptance

**May 17, 2012:** Camera-ready deadline

Jul 12, 2012: Workshop to take place at ACL 2012

### AIM OF WORKSHOP

Research in automatic Subjectivity and Sentiment Analysis, as subtasks in Affective Computing within Natural Language Processing, has flourished in the past years, as the Social Web made it possible for people all over the world to express, comment or consult opinions on any given topic. The fact that so many people express themselves on these topics makes opinions less biased and more credible; their subjective nature makes them easily understandable by all people and leads to their growing influence on communities worldwide. Due to all these reasons, opinions expressed on the Web are more and more considered as basis for decision-making processes, for recommendation systems, business intelligence processes, image monitoring, and marketing or for obtaining unbiased, massive feedback.

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 and at different levels, depending on the characteristics of the textual genre, the language(s) treated and the final application for which the analysis is done.

Bearing in mind the abovementioned reflections, the aim of the 3<sup>rd</sup> Workshop on Computational Approaches to Subjectivity and Sentiment Analysis (WASSA 2012) is to continue the line of the previous two editions, bringing together researchers in Computational Linguistics working on Subjectivity and Sentiment Analysis and, more generally, on affect in text. Moreover, taking into account that affect-related phenomena have also been studied by other disciplines, such as Psychology, Philosophy or Economics, the purpose of WASSA 2012 is to facilitate an interdisciplinary dialogue on the analysis, requirements, issues and applications of the study of subjectivity and sentiment in the context of traditional and emerging text types. We envisage WASSA as a forum to discuss the achievements obtained so far and to analyse the different approaches to tackle the difficulties researchers are confronted with in this research area.

## TOPICS OF INTEREST

Inspired by the objectives we aimed at in the first two editions of the Workshop on Computational Approaches to Subjectivity Analysis (WASSA 2010 and WASSA 2011) and the final outcome, the purpose of the proposed 3<sup>rd</sup> edition of the Workshop on Computational Approaches to Subjectivity and Sentiment Analysis (WASSA 2012) is to create a framework for presenting and discussing the challenges related to subjectivity and sentiment analysis in NLP, from an interdisciplinary theoretical and practical perspective.

Researchers are encouraged to submit papers including, but not restricted to the following topics related to subjectivity and sentiment analysis:

- Lexical semantic resources, corpora and annotations for subjectivity and sentiment analysis
- Subjectivity and opinion retrieval, extraction, categorization, aggregation and summarization
- Topic and sentiment studies and applications of topic-sentiment analysis
- Mass opinion estimation based on NLP and statistical models.
- Domain, topic and genre dependency of sentiment analysis
- Ambiguity issues and word sense disambiguation of subjective language
- The computational treatment of large amounts of user-generated content
- 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 evaluation methodologies for subjectivity and sentiment analysis
- Subjectivity, sentiment and emotion detection in social networks
- Trend detection in social media using subjectivity and sentiment analysis techniques
- Classification of stance in dialogues
- Real-world applications of opinion mining systems

We will also encourage participants to provide demos of their systems, thus giving them the opportunity to obtain feedback on their achievements and issues. At the same time, with the help of demos, we aim at enriching the discussion forum with application-specific topics for debate.

## ORGANIZERS

- **Alexandra Balahur** - European Commission Joint Research Centre, Italy - [alexandra.balahur@jrc.ec.europa.eu](mailto:alexandra.balahur@jrc.ec.europa.eu)
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## PROGRAM COMMITTEE

- Khurshid Ahmad – Trinity College Dublin, Ireland
- Sivaji Bandyopadhyay - Jadavpur University, India
- Nicoletta Calzolari - CNR Pisa, Italy
- Erik Cambria – University of Stirling, U.K.
- José Carlos Cortizo - European University Madrid, Spain
- Michael Gamon – Microsoft
- Jesús M. Hermida - University of Alicante, Spain
- Veronique Hoste - University of Ghent, Belgium
- Mijail Kabadjov – Vicomtech, Spain
- Zornitsa Kozareva - Information Sciences Institute California, U.S.A.
- Rada Mihalcea - University of North Texas, U.S.A.
- Saif Mohammad - National Research Council, Canada
- Karo Moilanen – Oxford University, U.K.
- Rafael Muñoz - University of Alicante, Spain
- Günter Neumann - DFKI, Germany
- Alena Neviarouskaia – University of Tokyo, Japan
- Manabu Okumura – Tokyo Institute of Technology, Japan
- Constantin Orasan - University of Wolverhampton, U.K.
- Manuel Palomar - University of Alicante, Spain
- Viktor Pekar - University of Wolverhampton, U.K.
- Paolo Rosso - Technical University of Valencia, Spain
- Josef Steinberger – EC- Joint Research Centre, Italy
- Ralf Steinberger - EC- Joint Research Centre, Italy
- Veselin Stoyanov – John Hopkins University, U.S.A.
- Maite Taboada - Simon Fraser University, Canada
- Mike Thelwall - University of Wolverhampton, U.K.
- José Antonio Troyano - University of Seville, Spain
- Dan Tufis - RACAI, Romania
- Alfonso Ureña – University of Jaén, Spain
- Erik van der Goot – EC Joint Research Centre, Italy
- Piek Vossen - Vrije Universiteit Amsterdam, The Netherlands
- Marilyn Walker - University of California Santa Cruz, U.S.A.
- Janyce Wiebe - University of Pittsburgh, U.S.A.
- Michael Wiegand – Saarland University, Germany
- Theresa Wilson – John Hopkins University, U.S.A.
- Taras Zagibalov - Brantwatch, U.K.

## INVITED SPEAKERS

- [Prof. Dr. Rada Mihalcea](#) – University of North Texas, U.S.A.
- [Prof. Dr. Janyce Wiebe](#) – University of Pittsburgh, U.S.A.

## SUBMISSIONS

At WASSA 2012, we will accept two types of submissions: long and short papers.

- Long papers

Long papers may consist of up to eight (8) pages of content, with two (2) additional pages of references, and will be presented orally.

- Short papers

Short papers may consist of up to four (4) pages of content, and two (2) additional pages of references. The following types of papers are appropriate for a short paper submission:

1. A paper describing the demonstration of a system
2. A small, focused contribution
3. Work in progress
4. A negative result
5. An opinion piece
6. An interesting application nugget

Short papers will be presented either orally or as a poster. The choice of presentation will be given not based on the quality of the submission, but on the PC's recommendation relating to the most suitable presentation method.

All papers submitted to WASSA should be formatted according to the ACL-HLT 2012 Style Files, available at: <http://acl2012.org/call/sub01.asp>

Reviewing for WASSA 2010 will be **blind**: reviewers will not be presented with the identity of paper authors. Authors should avoid writing anything that makes their identity obvious in the text.

Submissions should be original, and in particular should not previously have been formally published.

Accepted papers will be published in the ACL WASSA proceedings, with ISBN. The best papers will be chosen for a **Special Issue of the Computer Speech and Language Journal (Elsevier)**.

Subsequent to the WASSA 2012 acceptance notification, we will also launch an open call for papers for a **Special Issue of the Information Sciences Journal (Elsevier)**.

To submit a paper, please access: <https://www.softconf.com/acl2012/wassa-2012>