3rd Workshop on Sentiment Analysis where AI meets Psychology (SAAIP 2013)

- A collocated event at IJCNLP 2013, Nagoya Congress Center, Nagoya, Japan

October 14, 2013

Call for Papers: http://saaip.org/

Submission Deadline: July 9, 2013

Objectives

In recent times, research activities in the areas of Opinion, Sentiment and/or Emotion in natural language texts and other media are gaining ground under the umbrella of subjectivity analysis and affect computing. The reason may be the huge amount of available text data in the Social Web in the forms of news, reviews, blogs, chats and even twitter. Though Sentiment analysis from natural language text is a multifaceted and multidisciplinary problem, in general, the term “sentiment” is used in reference to the automatic analysis of evaluative text. Research efforts are being carried out for identification of positive or negative polarity of evaluative text and for development of devices that recognize human affect, display and model emotions from textual contents. Techniques from Artificial Intelligence play important roles in these tasks.

The main four aspects of the sentiment analysis problem are Object identification, Feature extraction, Orientation classification and Integration. The existing reported solutions or available systems are still far from being perfect or fail to meet the satisfaction level of the end users. The main issue may be that there are many conceptual rules that govern sentiment and there are even more clues (possibly unlimited) that can convey these concepts from realization to verbalization of a human being. Human psychology may provide the unrevealed clues and govern the sentiment realization. The important issues that need attention include how various psychological phenomena can be explained in computational terms and which AI concepts and computer modeling methodologies will prove most useful from the psychologist's point of view.

In addition to Question Answering or Information Retrieval systems, Topic-sentiment analysis is being applied as a new research method for mass opinion estimation (e.g., reliability, validity, sample bias), psychiatric treatment, corporate reputation measurement, political orientation categorization, stock market prediction, customer preference or public opinion study and so on.

In recent times, regular research papers continue to be published in reputed conferences like ACL, EMNLP or COLING. The Sentiment Analysis Symposia are also drawing the attention of the research communities from every nook and corner of the world. There has been an increasing number of efforts in shared tasks such as SemEval 2007 Task#14: Affective Text,

Since our previous two workshops in conjunction with the International Joint Conference on NLP (IJCNLP) in Chiang Mai, Thailand during Nov. 7-13, 2011 and with the International Conference on Computational Linguistics (COLING) in Mumbai, India during Dec. 8-15, 2012 were quite successful (with 20 and 14 submissions and more than 30 participants from many countries), we are planning to conduct our next workshop in conjunction with the International Joint Conference on NLP (IJCNLP) in Nagoya, Japan during Oct. 14-19, 2013.

Inspired by the objectives we aimed at in the first two editions of the workshop, the warm responses and feedbacks we received from the participants and attendees and the final outcome, the purpose of the proposed 3rd edition of the Workshop on Sentiment Analysis where AI meets Psychology (SAAIP 2013) is to create a framework for presenting and discussing the challenges related to sentiment, opinion and emotion analysis in the ground of NLP.

This workshop aims to bring together the researchers in multiple disciplines such as computer science, psychology, cognitive science, social science and many more who are interested in developing next generation machines that can recognize and respond to the sentimental states of the human users. The workshop will consist of a set of invited talks and presentations of technical papers that will be selected after peer review from the submissions received.

List of Topics

We welcome original and unpublished submissions on all aspects of sentiment analysis. Topics include, but are not limited to

- New models of sentiment: its origin in the speaker's goals and intentions, its signaling in the text, and its relationships to the objects in question
- Psychological models for sentiment analysis
- Topic-dependent/independent sentiment identification.
- Mass opinion estimation based on NLP and statistical models.
- Domain, topic and genre, language dependency of sentiment analysis
- Discourse analysis of sentiment
- Opinion, Sentiment, Emotion extraction, categorization and aggregation
- Sentiment corpora and annotation
- Sentiment lexicon
- Applications of sentiment analysis specially in Social Networking
- Multimodal Sentiment Analysis
- Multilingual Sentiment Analysis

**Workshop Organizers**

**Sivaji Bandyopadhyay (Jadavpur University, India)**
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Professor Bandyopadhyay has a number of research papers in reputed journals and international conference proceedings in the areas of sentiment analysis, opinion mining and emotion analysis. He was a member of the organizing committees for three consecutive workshops on cross lingual information access (CLIA) held as part of IJCAI 07, IJCNLP 08 and NAACL-HLT 2009, COLING 2008 Workshop, Multi-Source Multilingual Information Extraction and Summarization (MMIES2) and IJCNLP 2011 Workshop on Sentiment Analysis where AI meets Psychology (SAAIP). He is the Indian Research Leader in the Indo-Japan project “Sentiment Analysis where AI meets Psychology”.

**Manabu Okumura (Tokyo Institute of Technology, Japan)**
Professor, Precision and Intelligence Laboratory,
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Professor Okumura has a number of research papers in reputed journals and international conference proceedings in the areas of sentiment analysis, opinion mining and emotion analysis. He was the area chair of IJCNLP 2004, EMNLP-CoNLL 2007 and ACL 2011. He was the workshop chair of PAKDD 2009. He organized the workshop on EMALP at PRICAI 2008. He is the Japanese Research Leader in the Indo-Japan project “Sentiment Analysis where AI meets Psychology”.
Contact person

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- Theresa Wilson, University of Edinburgh (UK)
- Michael Zock, LIMSI-CNRS (France)

Important Dates

- Submissions Deadline: July 9, 2013
- Notification of Acceptances: August 9, 2013
- Camera ready submissions: August 23, 2013
- Workshop Date: October 14, 2013