Sentiment Analysis and Emotion Detection

Invited Paper:
The CLSA Model: A Novel Framework for Concept-Level Sentiment Analysis
Erik Cambria, Soujanya Poria, Federica Bisio, Rajiv Bajpai, and Iti Chaturvedi

Best Paper Award, Third Place:
Building Large Arabic Multi-domain Resources for Sentiment Analysis
Hady ElSahar and Samhaa R. El-Beltagy

Learning Ranked Sentiment Lexicons
Filipa Peleja and João Magalhães

Modelling Public Sentiment in Twitter: Using Linguistic Patterns to Enhance Supervised Learning
Prerna Chikersal, Soujanya Poria, Erik Cambria, Alexander Gelbukh, and Chng Eng Siong

Trending Sentiment-Topic Detection on Twitter
Baolin Peng, Jing Li, Junwen Chen, Xu Han, Ruifeng Xu, and Kam-Fai Wong

EmoTwitter – A Fine-Grained Visualization System for Identifying Enduring Sentiments in Tweets
Myriam Munezero, Calkin Suero Montero, Maxim Mozgovoy, and Erkki Sutinen

Feature Selection for Twitter Sentiment Analysis:
An Experimental Study
Riham Mansour, Mohamed Farouk Abdel Hady, Eman Hosam, Hani Amr, and Ahmed Ashour

An Iterative Emotion Classification Approach for Microblogs
Ruifeng Xu, Zhaoyu Wang, Jun Xu, Junwen Chen, Qin Lu, and Kam-Fai Wong

Aspect-Based Sentiment Analysis Using Tree Kernel Based Relation Extraction
Thien Hai Nguyen and Kiyoaki Shirai
Text Integrity Assessment: Sentiment Profile vs Rhetoric Structure

Boris Galitsky, Dmitry Ilvovsky, and Sergey O. Kuznetsov

Sentiment Classification with Graph Sparsity Regularization

Xin-Yu Dai, Chuan Cheng, Shujian Huang, and Jiajun Chen

Detecting Emotion Stimuli in Emotion-Bearing Sentences

Diman Ghazi, Diana Inkpen, and Stan Szpakowicz

Sentiment-Bearing New Words Mining: Exploiting Emoticons and Latent Polarities

Fei Wang and Yunfang Wu

Identifying Temporal Information and Tracking Sentiment in Cancer Patients’ Interviews

Braja Gopal Patra, Nilabjya Ghosh, Dipankar Das, and Swaji Bandyopadhyay

Using Stylometric Features for Sentiment Classification

Rafael T. Anchiêta, Francisco Assis Ricarte Neto, Rogério Figueiredo de Sousa, and Raimundo Santos Moura

Opinion Mining and Social Network Analysis

Best Paper Award, First Place:

Automated Linguistic Personalization of Targeted Marketing Messages

Mining User-Generated Text on Social Media

Rishiraj Saha Roy, Aishwarya Padmakumar, Guna Prasaad Jeganathan, and Ponnurangam Kumaraguru

Inferring Aspect-Specific Opinion Structure in Product Reviews Using Co-training

Dave Carter and Diana Inkpen

Summarizing Customer Reviews through Aspects and Contexts

Prakhar Gupta, Sandeep Kumar, and Kokil Jaidka

An Approach for Intention Mining of Complex Comparative Opinion

Why Type Questions Asked on Product Review Sites

Amit Mishra and Sanjay Kumar Jain

TRUPI: Twitter Recommendation Based on Users’ Personal Interests

Hicham G. Elmongui, Riham Mansour, Hader Morsy, Shaymaa Khater, Ahmed El-Sharkasy, and Rania Ibrahim
Detection of Opinion Spam with Character n-grams

Donato Hernández Fusilier, Manuel Montes-y-Gómez, Paolo Rosso, and Rafael Guzmán Cabrera

Content-Based Recommender System Enriched with Wordnet Synsets

Haifa Alharthi and Diana Inkpen

Active Learning Based Weak Supervision for Textual Survey Response Classification

Sangameshwar Patil and B. Ravindran

Detecting and Disambiguating Locations Mentioned in Twitter Messages

Diana Inkpen, Ji Liu, Atefeh Farzindar, Farzaneh Kazemi, and Diman Ghazi

Natural Language Generation and Text Summarization

Satisfying Poetry Properties Using Constraint Handling Rules

Alia El Bolock and Slim Abdennadher

A Multi-strategy Approach for Lexicalizing Linked Open Data

Rivindu Perera and Parma Nand

A Dialogue System for Telugu, a Resource-Poor Language

Mullapudi Ch. Sravanthi, Kuncham Prathyusha, and Radhika Mamidi

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Fahmida Hamid and Paul Tarau

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Chedi Bechikh Ali, Rui Wang, and Hatem Haddad

Information Retrieval, Question Answering, and Information Extraction

Conceptual Search for Arabic Web Content

Aya M. Al-Zoghby and Khaled Shaalan

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Computational Linguistics and Intelligent Text Processing
16th International Conference, CICLing 2015, Cairo, Egypt, April 14-20, 2015, Proceedings, Part II
Gelbukh, A. (Ed.)
2015, XXVIII, 688 p. 153 illus., Softcover
ISBN: 978-3-319-18116-5