ACL 2017

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Welcome to SemEval-2017

The Semantic Evaluation (SemEval) series of workshops focuses on the evaluation and comparison of systems that can analyse diverse semantic phenomena in text with the aim of extending the current state of the art in semantic analysis and creating high quality annotated datasets in a range of increasingly challenging problems in natural language semantics. SemEval provides an exciting forum for researchers to propose challenging research problems in semantics and to build systems/techniques to address such research problems.

SemEval-2017 is the eleventh workshop in the series of International Workshops on Semantic Evaluation. The first three workshops, SensEval-1 (1998), SensEval-2 (2001), and SensEval-3 (2004), focused on word sense disambiguation, each time growing in the number of languages offered, in the number of tasks, and also in the number of participating teams. In 2007, the workshop was renamed to SemEval, and the subsequent SemEval workshops evolved to include semantic analysis tasks beyond word sense disambiguation. In 2012, SemEval turned into a yearly event. It currently runs every year, but on a two-year cycle, i.e., the tasks for SemEval-2017 were proposed in 2016.

SemEval-2017 was co-located with the 55th annual meeting of the Association for Computational Linguistics (ACL'2017) in Vancouver, Canada. It included the following 12 shared tasks organized in three tracks:

Semantic comparison for words and texts

- Task 1: Semantic Textual Similarity
- Task 2: Multi-lingual and Cross-lingual Semantic Word Similarity
- Task 3: Community Question Answering

Detecting sentiment, humor, and truth

- Task 4: Sentiment Analysis in Twitter
- Task 5: Fine-Grained Sentiment Analysis on Financial Microblogs and News
- Task 6: #HashtagWars: Learning a Sense of Humor
- Task 7: Detection and Interpretation of English Puns
- Task 8: RumourEval: Determining rumour veracity and support for rumours

Parsing semantic structures

- Task 9: Abstract Meaning Representation Parsing and Generation
- Task 10: Extracting Keyphrases and Relations from Scientific Publications
- Task 11: End-User Development using Natural Language
- Task 12: Clinical TempEval

This volume contains both Task Description papers that describe each of the above tasks and System Description papers that describe the systems that participated in the above tasks. A total of 12 task description papers and 169 system description papers are included in this volume.

We are grateful to all task organizers as well as the large number of participants whose enthusiastic participation has made SemEval once again a successful event. We are thankful to the task organizers who also served as area chairs, and to task organizers and participants who reviewed paper submissions. These proceedings have greatly benefited from their detailed and thoughtful feedback. We also thank the ACL 2017 conference organizers for their support. Finally, we most gratefully acknowledge the support of our sponsor, the ACL Special Interest Group on the Lexicon (SIGLEX).

The SemEval-2017 organizers,

Steven Bethard, Marine Carpuat, Marianna Apidianaki, Saif M. Mohammad, Daniel Cer, David Jurgens

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The NTNU System at SemEval-2017 Task 10: Extracting Keyphrases and Relations from Scientific Publications Using Multiple Conditional Random Fields
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Sijia Liu, Feichen Shen, Vipin Chaudhary and Hongfang Liu 956

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Roman Kern, Stefan Falk and Andi Rexha 961

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LABDA at SemEval-2017 Task 10: Relation Classification between keyphrases via Convolutional Neural Network
Víctor Suárez-Paniagua, Isabel Segura-Bedmar and Paloma Martínez 969

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Animesh Prasad and Min-Yen Kan 973

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Tomoki Tsujimura, Makoto Miwa and Yutaka Sasaki 985

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Hitachi at SemEval-2017 Task 12: System for temporal information extraction from clinical notes
Sarath P R, Manikandan R and Yoshiki Niwa 1005

NTU-1 at SemEval-2017 Task 12: Detection and classification of temporal events in clinical data with domain adaptation
Po-Yu Huang, Hen-Hsen Huang, Yu-Wun Wang, Ching Huang and Hsin-Hsi Chen 1010

XJNLP at SemEval-2017 Task 12: Clinical temporal information ex-traction with a Hybrid Model
Yu Long, Zhijing Li, Xuan Wang and Chen Li 1014

ULISBOA at SemEval-2017 Task 12: Extraction and classification of temporal expressions and events
Andre Lamurias, Diana Sousa, Sofia Pereira, Luka Clarke and Francisco M Couto 1019

GUIR at SemEval-2017 Task 12: A Framework for Cross-Domain Clinical Temporal Information Extraction
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KULeuven-LIIR at SemEval-2017 Task 12: Cross-Domain Temporal Information Extraction from Clinical Records
Artuur Leeuwenberg and Marie-Francine Moens 1030

Conference Program

3 August 2017

09:00–09:15 ***Welcome / Opening Remarks***

09:15–10:30 *Invited Talk: From Naive Physics to Connotation: Modeling Commonsense in Frame Semantics*
Yejin Choi

10:30–11:00 ***Coffee***

11:00–12:30 **Task Descriptions**

11:00–11:15 *SemEval-2017 Task 1: Semantic Textual Similarity Multilingual and Crosslingual Focused Evaluation*
Daniel Cer, Mona Diab, Eneko Agirre, Inigo Lopez-Gazpio and Lucia Specia

11:15–11:30 *SemEval-2017 Task 2: Multilingual and Cross-lingual Semantic Word Similarity*
Jose Camacho-Collados, Mohammad Taher Pilehvar, Nigel Collier and Roberto Navigli

11:30–11:45 *SemEval-2017 Task 3: Community Question Answering*
Preslav Nakov, Doris Hoogeveen, Lluís Màrquez, Alessandro Moschitti, Hamdy Mubarak, Timothy Baldwin and Karin Verspoor

11:45–12:00 *SemEval-2017 Task 6: #HashtagWars: Learning a Sense of Humor*
Peter Potash, Alexey Romanov and Anna Rumshisky

12:00–12:15 *SemEval-2017 Task 7: Detection and Interpretation of English Puns*
Tristan Miller, Christian Hempelmann and Iryna Gurevych

12:15–12:30 *SemEval-2017 Task 8: RumourEval: Determining rumour veracity and support for rumours*
Leon Derczynski, Kalina Bontcheva, Maria Liakata, Rob Procter, Geraldine Wong Sak Hoi and Arkaitz Zubiaga

12:30–14:00 ***Lunch***

3 August 2017 (continued)

14:00–15:30 Best Of SemEval

14:00–14:15 *BIT at SemEval-2017 Task 1: Using Semantic Information Space to Evaluate Semantic Textual Similarity*
Hao Wu, Heyan Huang, Ping Jian, Yuhang Guo and Chao Su

14:15–14:30 *ConceptNet at SemEval-2017 Task 2: Extending Word Embeddings with Multilingual Relational Knowledge*
Robert Speer and Joanna Lowry-Duda

14:30–14:45 *IIT-UHH at SemEval-2017 Task 3: Exploring Multiple Features for Community Question Answering and Implicit Dialogue Identification*
Titas Nandi, Chris Biemann, Seid Muhie Yimam, Deepak Gupta, Sarah Kohail, Asif Ekbal and Pushpak Bhattacharyya

14:45–15:00 *HumorHawk at SemEval-2017 Task 6: Mixing Meaning and Sound for Humor Recognition*
David Donahue, Alexey Romanov and Anna Rumshisky

15:00–15:15 *Idiom Savant at Semeval-2017 Task 7: Detection and Interpretation of English Puns*
Samuel Doogan, Aniruddha Ghosh, Hanyang Chen and Tony Veale

15:15–15:30 *Turing at SemEval-2017 Task 8: Sequential Approach to Rumour Stance Classification with Branch-LSTM*
Elena Kochkina, Maria Liakata and Isabelle Augenstein

15:30–16:00 ***Coffee***

16:00–16:30 ***Discussion***

3 August 2017 (continued)

16:30–17:30 Poster Session

16:30–17:30 *CompiLIG at SemEval-2017 Task 1: Cross-Language Plagiarism Detection Methods for Semantic Textual Similarity*
Jérémy Ferrero, Laurent Besacier, Didier Schwab and Frédéric Agnès

16:30–17:30 *UdL at SemEval-2017 Task 1: Semantic Textual Similarity Estimation of English Sentence Pairs Using Regression Model over Pairwise Features*
Hussein T. Al-Natsheh, Lucie Martinet, Fabrice Muhlenbach and Djamel Abdelkader ZIGHED

16:30–17:30 *DT_Team at SemEval-2017 Task 1: Semantic Similarity Using Alignments, Sentence-Level Embeddings and Gaussian Mixture Model Output*
Nabin Maharjan, Rajendra Banjade, Dipesh Gautam, Lasang J. Tamang and Vasile Rus

16:30–17:30 *FCICU at SemEval-2017 Task 1: Sense-Based Language Independent Semantic Textual Similarity Approach*
Basma Hassan, Samir AbdelRahman, Reem Bahgat and Ibrahim Farag

16:30–17:30 *HCTI at SemEval-2017 Task 1: Use convolutional neural network to evaluate Semantic Textual Similarity*
Yang Shao

16:30–17:30 *LIM-LIG at SemEval-2017 Task1: Enhancing the Semantic Similarity for Arabic Sentences with Vectors Weighting*
El Moatez Billah NAGOUDI, Jérémy Ferrero and Didier Schwab

16:30–17:30 *OPI-JSA at SemEval-2017 Task 1: Application of Ensemble learning for computing semantic textual similarity*
Martyna Śpiewak, Piotr Sobecki and Daniel Karaś

16:30–17:30 *Lump at SemEval-2017 Task 1: Towards an Interlingua Semantic Similarity*
Cristina España-Bonet and Alberto Barrón-Cedeño

16:30–17:30 *QLUT at SemEval-2017 Task 1: Semantic Textual Similarity Based on Word Embeddings*
Fanqing Meng, Wenpeng Lu, Yuteng Zhang, Jinyong Cheng, Yuehan Du and Shuwang Han

16:30–17:30 *ResSim at SemEval-2017 Task 1: Multilingual Word Representations for Semantic Textual Similarity*
Johannes Bjerva and Robert Östling

16:30–17:30 *ITNLP-AiKF at SemEval-2017 Task 1: Rich Features Based SVR for Semantic Textual Similarity Computing*
Wenjie Liu, Chengjie Sun, Lei Lin and Bingquan Liu

3 August 2017 (continued)

16:30–17:30 *Neobility at SemEval-2017 Task 1: An Attention-based Sentence Similarity Model*
WenLi Zhuang and Ernie Chang

16:30–17:30 *SEF@UHH at SemEval-2017 Task 1: Unsupervised Knowledge-Free Semantic Textual Similarity via Paragraph Vector*
Mirela-Stefania Duma and Wolfgang Menzel

16:30–17:30 *STS-UHH at SemEval-2017 Task 1: Scoring Semantic Textual Similarity Using Supervised and Unsupervised Ensemble*
Sarah Kohail, Amr Rekaby Salama and Chris Biemann

16:30–17:30 *UMDeep at SemEval-2017 Task 1: End-to-End Shared Weight LSTM Model for Semantic Textual Similarity*
Joe Barrow and Denis Peskov

16:30–17:30 *MITRE at SemEval-2017 Task 1: Simple Semantic Similarity*
John Henderson, Elizabeth Merkhofer, Laura Strickhart and Guido Zarrella

16:30–17:30 *ECNU at SemEval-2017 Task 1: Leverage Kernel-based Traditional NLP features and Neural Networks to Build a Universal Model for Multilingual and Cross-lingual Semantic Textual Similarity*
Junfeng Tian, Zhiheng Zhou, Man Lan and Yuanbin Wu

16:30–17:30 *PurdueNLP at SemEval-2017 Task 1: Predicting Semantic Textual Similarity with Paraphrase and Event Embeddings*
I-Ta Lee, Mahak Goindani, Chang Li, Di Jin, Kristen Marie Johnson, Xiao Zhang, Maria Leonor Pacheco and Dan Goldwasser

16:30–17:30 *RTM at SemEval-2017 Task 1: Referential Translation Machines for Predicting Semantic Similarity*
Ergun Biçici

16:30–17:30 *LIPN-IIMAS at SemEval-2017 Task 1: Subword Embeddings, Attention Recurrent Neural Networks and Cross Word Alignment for Semantic Textual Similarity*
Ignacio Arroyo-Fernández and Ivan Vladimir Meza Ruiz

16:30–17:30 *L2F/INESC-ID at SemEval-2017 Tasks 1 and 2: Lexical and semantic features in word and textual similarity*
Pedro Fialho, Hugo Patinho Rodrigues, Luísa Coheur and Paulo Quaresma

16:30–17:30 *HCCL at SemEval-2017 Task 2: Combining Multilingual Word Embeddings and Transliteration Model for Semantic Similarity*
Junqing He, Long Wu, Xuemin Zhao and Yonghong Yan

16:30–17:30 *Citius at SemEval-2017 Task 2: Cross-Lingual Similarity from Comparable Corpora and Dependency-Based Contexts*
Pablo Gamallo

3 August 2017 (continued)

16:30–17:30 *Jmp8 at SemEval-2017 Task 2: A simple and general distributional approach to estimate word similarity*
Josué Melka and Gilles Bernard

16:30–17:30 *QLUT at SemEval-2017 Task 2: Word Similarity Based on Word Embedding and Knowledge Base*
Fanqing Meng, Wenpeng Lu, Yuteng Zhang, Ping Jian, Shumin Shi and Heyan Huang

16:30–17:30 *RUFINO at SemEval-2017 Task 2: Cross-lingual lexical similarity by extending PMI and word embeddings systems with a Swadesh's-like list*
Sergio Jimenez, George Dueñas, Lorena Gaitan and Jorge Segura

16:30–17:30 *MERALI at SemEval-2017 Task 2 Subtask 1: a Cognitively Inspired approach*
Enrico Mensa, Daniele P. Radicioni and Antonio Lieto

16:30–17:30 *HHU at SemEval-2017 Task 2: Fast Hash-Based Embeddings for Semantic Word Similarity Assessment*
Behrang QasemiZadeh and Laura Kallmeyer

16:30–17:30 *Mahtab at SemEval-2017 Task 2: Combination of Corpus-based and Knowledge-based Methods to Measure Semantic Word Similarity*
Niloofar Ranjbar, Fatemeh Mashhadirajab, Mehrnoush Shamsfard, Rayeheh Hosseini pour and Aryan Vahid pour

16:30–17:30 *Sew-Embed at SemEval-2017 Task 2: Language-Independent Concept Representations from a Semantically Enriched Wikipedia*
Claudio Delli Bovi and Alessandro Raganato

16:30–17:30 *Wild Devs' at SemEval-2017 Task 2: Using Neural Networks to Discover Word Similarity*
Răzvan-Gabriel Rotari, Ionut Hulub, Stefan Oprea, Mihaela Plamada-Onofrei, Alina Beatrice Lorent, Raluca Preisler, Adrian Iftene and Diana Trandabat

16:30–17:30 *TrentoTeam at SemEval-2017 Task 3: An application of Grice Maxims in Ranking Community Question Answers*
Mohammed R. H. Qwaider, Abed Alhakim Freihat and Fausto Giunchiglia

16:30–17:30 *UPC-USMBA at SemEval-2017 Task 3: Combining multiple approaches for CQA for Arabic*
Yassine El Adlouni, Imane Lahbari, Horacio Rodriguez, Mohammed Meknassi, Said Ouatik El Alaoui and Noureddine Ennahnahi

16:30–17:30 *Beihang-MSRA at SemEval-2017 Task 3: A Ranking System with Neural Matching Features for Community Question Answering*
Wenzheng Feng, Yu Wu, Wei Wu, Zhoujun Li and Ming Zhou

16:30–17:30 *MoRS at SemEval-2017 Task 3: Easy to use SVM in Ranking Tasks*
Miguel J. Rodrigues and Francisco M Couto

3 August 2017 (continued)

16:30–17:30 *EICA Team at SemEval-2017 Task 3: Semantic and Metadata-based Features for Community Question Answering*
Yufei Xie, Maoquan Wang, Jing Ma, Jian Jiang and Zhao Lu

16:30–17:30 *FA3L at SemEval-2017 Task 3: A ThRee Embeddings Recurrent Neural Network for Question Answering*
Giuseppe Attardi, Antonio Carta, Federico Errica, Andrea Madotto and Ludovica Pannitto

16:30–17:30 *SCIR-QA at SemEval-2017 Task 3: CNN Model Based on Similar and Dissimilar Information between Keywords for Question Similarity*
Le Qi, Yu Zhang and Ting Liu

16:30–17:30 *LearningToQuestion at SemEval 2017 Task 3: Ranking Similar Questions by Learning to Rank Using Rich Features*
Naman Goyal

16:30–17:30 *SimBow at SemEval-2017 Task 3: Soft-Cosine Semantic Similarity between Questions for Community Question Answering*
Delphine Charlet and Geraldine Damnati

16:30–17:30 *FuRongWang at SemEval-2017 Task 3: Deep Neural Networks for Selecting Relevant Answers in Community Question Answering*
Sheng Zhang, Jiajun Cheng, Hui Wang, Xin Zhang, Pei Li and Zhaoyun Ding

16:30–17:30 *KeLP at SemEval-2017 Task 3: Learning Pairwise Patterns in Community Question Answering*
Simone Filice, Giovanni Da San Martino and Alessandro Moschitti

16:30–17:30 *SwissAlps at SemEval-2017 Task 3: Attention-based Convolutional Neural Network for Community Question Answering*
Jan Milan Deriu and Mark Cieliebak

16:30–17:30 *TakeLab-QA at SemEval-2017 Task 3: Classification Experiments for Answer Retrieval in Community QA*
Filip Šaina, Toni Kukurin, Lukrecija Puljić, Mladen Karan and Jan Šnajder

16:30–17:30 *GW_QA at SemEval-2017 Task 3: Question Answer Re-ranking on Arabic Fora*
Nada Almarwani and Mona Diab

16:30–17:30 *NLM_NIH at SemEval-2017 Task 3: from Question Entailment to Question Similarity for Community Question Answering*
Asma Ben Abacha and Dina Demner-Fushman

16:30–17:30 *bunji at SemEval-2017 Task 3: Combination of Neural Similarity Features and Comment Plausibility Features*
Yuta Koreeda, Takuya Hashito, Yoshiki Niwa, Misa Sato, Toshihiko Yanase, Kenzo Kurotsuchi and Kohsuke Yanai

3 August 2017 (continued)

16:30–17:30 *QU-BIGIR at SemEval 2017 Task 3: Using Similarity Features for Arabic Community Question Answering Forums*
Marwan Torki, Maram Hasanain and Tamer Elsayed

16:30–17:30 *ECNU at SemEval-2017 Task 3: Using Traditional and Deep Learning Methods to Address Community Question Answering Task*
Guoshun Wu, Yixuan Sheng, Man Lan and Yuanbin Wu

16:30–17:30 *UINSUSKA-TiTech at SemEval-2017 Task 3: Exploiting Word Importance Levels for Similarity Features for CQA*
Surya Agustian and Hiroya Takamura

16:30–17:30 *Talla at SemEval-2017 Task 3: Identifying Similar Questions Through Paraphrase Detection*
Byron Galbraith, Bhanu Pratap and Daniel Shank

16:30–17:30 *QUB at SemEval-2017 Task 6: Cascaded Imbalanced Classification for Humor Analysis in Twitter*
Xiwu Han and Gregory Toner

16:30–17:30 *Duluth at SemEval-2017 Task 6: Language Models in Humor Detection*
Xinru Yan and Ted Pedersen

16:30–17:30 *DataStories at SemEval-2017 Task 6: Siamese LSTM with Attention for Humorous Text Comparison*
Christos Baziotis, Nikos Pelekis and Christos Doulkeridis

16:30–17:30 *TakeLab at SemEval-2017 Task 6: #RankingHumorIn4Pages*
Marin Kukovačec, Juraj Malenica, Ivan Mršić, Antonio Šajatović, Domagoj Alagić and Jan Šnajder

16:30–17:30 *SRHR at SemEval-2017 Task 6: Word Associations for Humour Recognition*
Andrew Cattle and Xiaojuan Ma

16:30–17:30 *#WarTeam at SemEval-2017 Task 6: Using Neural Networks for Discovering Humorous Tweets*
Iuliana Alexandra Fleşcan-Lovin-Arseni, Ramona Andreea Turcu, Cristina Sirbu, Larisa Alexa, Sandra Maria Amarandei, Nichita Herciu, Constantin Scutaru, Diana Trandabat and Adrian Iftene

16:30–17:30 *SVNIT @ SemEval 2017 Task-6: Learning a Sense of Humor Using Supervised Approach*
Rutal Mahajan and Mukesh Zaveri

16:30–17:30 *Duluth at SemEval-2017 Task 7 : Puns Upon a Midnight Dreary, Lexical Semantics for the Weak and Weary*
Ted Pedersen

3 August 2017 (continued)

16:30–17:30 *UWaterloo at SemEval-2017 Task 7: Locating the Pun Using Syntactic Characteristics and Corpus-based Metrics*
Olga Vechtomova

16:30–17:30 *PunFields at SemEval-2017 Task 7: Employing Roget's Thesaurus in Automatic Pun Recognition and Interpretation*
Elena Mikhalkova and Yuri Karyakin

16:30–17:30 *JU CSE NLP @ SemEval 2017 Task 7: Employing Rules to Detect and Interpret English Puns*
Aniket Pramanick and Dipankar Das

16:30–17:30 *N-Hance at SemEval-2017 Task 7: A Computational Approach using Word Association for Puns*
Özge Sevgili, Nima Ghotbi and Selma Tekir

16:30–17:30 *ELiRF-UPV at SemEval-2017 Task 7: Pun Detection and Interpretation*
Lluís-F. Hurtado, Encarna Segarra, Ferran Pla, Pascual Carrasco and José-Ángel González

16:30–17:30 *BuzzSaw at SemEval-2017 Task 7: Global vs. Local Context for Interpreting and Locating Homographic English Puns with Sense Embeddings*
Dieke Oele and Kilian Evang

16:30–17:30 *UWAV at SemEval-2017 Task 7: Automated feature-based system for locating puns*
Ankit Vadehra

16:30–17:30 *ECNU at SemEval-2017 Task 7: Using Supervised and Unsupervised Methods to Detect and Locate English Puns*
Yuhuan Xiu, Man Lan and Yuanbin Wu

16:30–17:30 *Fermi at SemEval-2017 Task 7: Detection and Interpretation of Homographic puns in English Language*
Vijayasaradhi Indurthi and Subba Reddy Oota

16:30–17:30 *UWaterloo at SemEval-2017 Task 8: Detecting Stance towards Rumours with Topic Independent Features*
Hareesh Bahuleyan and Olga Vechtomova

16:30–17:30 *IKM at SemEval-2017 Task 8: Convolutional Neural Networks for stance detection and rumor verification*
Yi-Chin Chen, Zhao-Yang Liu and Hung-Yu Kao

16:30–17:30 *NileTMRG at SemEval-2017 Task 8: Determining Rumour and Veracity Support for Rumours on Twitter.*
Omar Enayet and Samhaa R. El-Beltagy

3 August 2017 (continued)

16:30–17:30 *Turing at SemEval-2017 Task 8: Sequential Approach to Rumour Stance Classification with Branch-LSTM*
Elena Kochkina, Maria Liakata and Isabelle Augenstein

16:30–17:30 *Mama Edha at SemEval-2017 Task 8: Stance Classification with CNN and Rules*
Marianela García Lozano, Hanna Lilja, Edward Tjörnhammar and Maja Karasalo

16:30–17:30 *DFKI-DKT at SemEval-2017 Task 8: Rumour Detection and Classification using Cascading Heuristics*
Ankit Srivastava, Georg Rehm and Julian Moreno Schneider

16:30–17:30 *ECNU at SemEval-2017 Task 8: Rumour Evaluation Using Effective Features and Supervised Ensemble Models*
Feixiang Wang, Man Lan and Yuanbin Wu

16:30–17:30 *IITP at SemEval-2017 Task 8 : A Supervised Approach for Rumour Evaluation*
Vikram Singh, Sunny Narayan, Md Shad Akhtar, Asif Ekbal and Pushpak Bhattacharyya

4 Aug 2017

09:00–09:30 ***SemEval 2018 Tasks***

09:30–10:30 ***State of SemEval Discussion***

10:30–11:00 ***Coffee***

4 Aug 2017 (continued)

11:00–12:30 Task Descriptions

11:00–11:15 *SemEval-2017 Task 4: Sentiment Analysis in Twitter*
Sara Rosenthal, Noura Farra and Preslav Nakov

11:15–11:30 *SemEval-2017 Task 5: Fine-Grained Sentiment Analysis on Financial Microblogs and News*
Keith Cortis, André Freitas, Tobias Daudert, Manuela Huerlimann, Manel Zarrouk, Siegfried Handschuh and Brian Davis

11:30–11:45 *SemEval-2017 Task 9: Abstract Meaning Representation Parsing and Generation*
Jonathan May and Jay Priyadarshi

11:45–12:00 *SemEval 2017 Task 10: ScienceIE - Extracting Keyphrases and Relations from Scientific Publications*
Isabelle Augenstein, Mrinal Das, Sebastian Riedel, Lakshmi Vikraman and Andrew McCallum

12:00–12:15 *SemEval-2017 Task 11: End-User Development using Natural Language*
Juliano Sales, Siegfried Handschuh and André Freitas

12:15–12:30 *SemEval-2017 Task 12: Clinical TempEval*
Steven Bethard, Guergana Savova, Martha Palmer and James Pustejovsky

12:30–14:00 ***Lunch***

4 Aug 2017 (continued)

14:00–15:30 Best Of SemEval

14:00–14:15 *BB_twtr at SemEval-2017 Task 4: Twitter Sentiment Analysis with CNNs and LSTMs*
Mathieu Cliche

14:15–14:30 *Lancaster A at SemEval-2017 Task 5: Evaluation metrics matter: predicting sentiment from financial news headlines*
Andrew Moore and Paul Rayson

14:30–14:45 *Sheffield at SemEval-2017 Task 9: Transition-based language generation from AMR.*
Gerasimos Lampouras and Andreas Vlachos

14:45–15:00 *The AI2 system at SemEval-2017 Task 10 (ScienceIE): semi-supervised end-to-end entity and relation extraction*
Waleed Ammar, Matthew Peters, Chandra Bhagavatula and Russell Power

15:00–15:15 *LIMSI-COT at SemEval-2017 Task 12: Neural Architecture for Temporal Information Extraction from Clinical Narratives*
Julien Tourille, Olivier Ferret, Xavier Tannier and Aurélie Névéol

15:30–16:00 ***Coffee***

16:00–16:30 ***Discussion***

16:30–17:30 Poster Session

16:30–17:30 *OMAM at SemEval-2017 Task 4: Evaluation of English State-of-the-Art Sentiment Analysis Models for Arabic and a New Topic-based Model*
Ramy Baly, Gilbert Badaro, Ali Hamdi, Rawan Moukalled, Rita Aoun, Georges El-Khoury, Ahmad Al Sallab, Hazem Hajj, Nizar Habash, Khaled Shaban and Wassim El-Hajj

16:30–17:30 *NILC-USP at SemEval-2017 Task 4: A Multi-view Ensemble for Twitter Sentiment Analysis*
Edilson Anselmo Corrêa Júnior, Vanessa Queiroz Marinho and Leandro Borges dos Santos

16:30–17:30 *deepSA at SemEval-2017 Task 4: Interpolated Deep Neural Networks for Sentiment Analysis in Twitter*
Tzu-Hsuan Yang, Tzu-Hsuan Tseng and Chia-Ping Chen

4 Aug 2017 (continued)

16:30–17:30 *NNEMBs at SemEval-2017 Task 4: Neural Twitter Sentiment Classification: a Simple Ensemble Method with Different Embeddings*
Yichun Yin, Yangqiu Song and Ming Zhang

16:30–17:30 *CrystalNest at SemEval-2017 Task 4: Using Sarcasm Detection for Enhancing Sentiment Classification and Quantification*
Raj Kumar Gupta and Yinping Yang

16:30–17:30 *SINAI at SemEval-2017 Task 4: User based classification*
Salud María Jiménez-Zafra, Arturo Montejo-Ráez, Maite Martin and L. Alfonso Urena Lopez

16:30–17:30 *HLP@UPenn at SemEval-2017 Task 4A: A simple, self-optimizing text classification system combining dense and sparse vectors*
Abeed Sarker and Graciela Gonzalez

16:30–17:30 *ej-sa-2017 at SemEval-2017 Task 4: Experiments for Target oriented Sentiment Analysis in Twitter*
Enkhzol Dovdon and José Saias

16:30–17:30 *SentiME++ at SemEval-2017 Task 4: Stacking State-of-the-Art Classifiers to Enhance Sentiment Classification*
Raphael Troncy, Enrico Palumbo, Efstratios Sygkounas and Giuseppe Rizzo

16:30–17:30 *Amobee at SemEval-2017 Task 4: Deep Learning System for Sentiment Detection on Twitter*
Alon Rozental and Daniel Fleischer

16:30–17:30 *TWINA at SemEval-2017 Task 4: Twitter Sentiment Analysis with Ensemble Gradient Boost Tree Classifier*
Naveen Kumar Laskari and Suresh Kumar Sanampudi

16:30–17:30 *Tw-StAR at SemEval-2017 Task 4: Sentiment Classification of Arabic Tweets*
Hala Mulki, Hatem Haddad, Mourad Gridach and Ismail Babaoğlu

16:30–17:30 *OMAM at SemEval-2017 Task 4: English Sentiment Analysis with Conditional Random Fields*
Chukwuyem Onyibe and Nizar Habash

16:30–17:30 *Tweester at SemEval-2017 Task 4: Fusion of Semantic-Affective and pairwise classification models for sentiment analysis in Twitter*
Athanasia Kolovou, Filippos Kokkinos, Aris Fergadis, Pinelopi Papalampidi, Elias Iosif, Nikolaos Malandrakis, Elisavet Palogiannidi, Haris Papageorgiou, Shrikanth Narayanan and Alexandros Potamianos

16:30–17:30 *NRU-HSE at SemEval-2017 Task 4: Tweet Quantification Using Deep Learning Architecture*
Nikolay Karpov

4 Aug 2017 (continued)

16:30–17:30 *MI&T Lab at SemEval-2017 task 4: An Integrated Training Method of Word Vector for Sentiment Classification*
Jingjing Zhao, Yan Yang and Bing Xu

16:30–17:30 *SiTAKA at SemEval-2017 Task 4: Sentiment Analysis in Twitter Based on a Rich Set of Features*
Mohammed Jabreel and Antonio Moreno

16:30–17:30 *Senti17 at SemEval-2017 Task 4: Ten Convolutional Neural Network Voters for Tweet Polarity Classification*
Hussam Hamdan

16:30–17:30 *DUTH at SemEval-2017 Task 4: A Voting Classification Approach for Twitter Sentiment Analysis*
Symeon Symeonidis, Dimitrios Effrosynidis, John Kordonis and Avi Arampatzis

16:30–17:30 *SSN_MLRG1 at SemEval-2017 Task 4: Sentiment Analysis in Twitter Using Multi-Kernel Gaussian Process Classifier*
Angel Deborah S, S Milton Rajendram and T T Mirnalinee

16:30–17:30 *YNUDLG at SemEval-2017 Task 4: A GRU-SVM Model for Sentiment Classification and Quantification in Twitter*
Ming Wang, Biao Chu, Qingxun Liu and Xiaobing Zhou

16:30–17:30 *LSIS at SemEval-2017 Task 4: Using Adapted Sentiment Similarity Seed Words For English and Arabic Tweet Polarity Classification*
Amal Htait, Sébastien Fournier and Patrice Bellot

16:30–17:30 *ELiRF-UPV at SemEval-2017 Task 4: Sentiment Analysis using Deep Learning*
José-Ángel González, Ferran Pla and Lluís-F. Hurtado

16:30–17:30 *XJSA at SemEval-2017 Task 4: A Deep System for Sentiment Classification in Twitter*
Yazhou Hao, YangYang Lan, Yufei Li and Chen Li

16:30–17:30 *Adullam at SemEval-2017 Task 4: Sentiment Analyzer Using Lexicon Integrated Convolutional Neural Networks with Attention*
Joosung Yoon, Kigon Lyu and Hyeoncheol Kim

16:30–17:30 *EICA at SemEval-2017 Task 4: A Simple Convolutional Neural Network for Topic-based Sentiment Classification*
wang maoquan, Chen Shiyun, Xie yufei and Zhao lu

16:30–17:30 *funSentiment at SemEval-2017 Task 4: Topic-Based Message Sentiment Classification by Exploiting Word Embeddings, Text Features and Target Contexts*
Quanzhi Li, Armineh Nourbakhsh, Xiaomo Liu, Rui Fang and Sameena Shah

4 Aug 2017 (continued)

16:30–17:30 *DataStories at SemEval-2017 Task 4: Deep LSTM with Attention for Message-level and Topic-based Sentiment Analysis*
Christos Baziotis, Nikos Pelekis and Christos Doulkeridis

16:30–17:30 *TwiSe at SemEval-2017 Task 4: Five-point Twitter Sentiment Classification and Quantification*
Georgios Balikas

16:30–17:30 *LIA at SemEval-2017 Task 4: An Ensemble of Neural Networks for Sentiment Classification*
Mickael Rouvier

16:30–17:30 *TopicThunder at SemEval-2017 Task 4: Sentiment Classification Using a Convolutional Neural Network with Distant Supervision*
Simon Müller, Tobias Huonder, Jan Deriu and Mark Cieliebak

16:30–17:30 *INGEOTEC at SemEval 2017 Task 4: A B4MSA Ensemble based on Genetic Programming for Twitter Sentiment Analysis*
Sabino Miranda-Jiménez, Mario Graff, Eric Sadit Tellez and Daniela Moctezuma

16:30–17:30 *BUSEM at SemEval-2017 Task 4A Sentiment Analysis with Word Embedding and Long Short Term Memory RNN Approaches*
Deger Ayata, Murat Saraclar and Arzucan Ozgur

16:30–17:30 *TakeLab at SemEval-2017 Task 4: Recent Deaths and the Power of Nostalgia in Sentiment Analysis in Twitter*
David Lozić, Doria Šarić, Ivan Tokić, Zoran Medić and Jan Šnajder

16:30–17:30 *NileTMRG at SemEval-2017 Task 4: Arabic Sentiment Analysis*
Samhaa R. El-Beltagy, Mona El kalamawy and Abu Bakr Soliman

16:30–17:30 *YNU-HPCC at SemEval 2017 Task 4: Using A Multi-Channel CNN-LSTM Model for Sentiment Classification*
Haowei Zhang, Jin Wang, Jixian Zhang and Xuejie Zhang

16:30–17:30 *TSA-INF at SemEval-2017 Task 4: An Ensemble of Deep Learning Architectures Including Lexicon Features for Twitter Sentiment Analysis*
Amit Ajit Deshmane and Jasper Friedrichs

16:30–17:30 *UCSC-NLP at SemEval-2017 Task 4: Sense n-grams for Sentiment Analysis in Twitter*
José Abreu, Iván Castro, Claudia Martínez, Sebastián Oliva and Yoan Gutiérrez

16:30–17:30 *ECNU at SemEval-2017 Task 4: Evaluating Effective Features on Machine Learning Methods for Twitter Message Polarity Classification*
Yunxiao Zhou, Man Lan and Yuanbin Wu

4 Aug 2017 (continued)

16:30–17:30 *Fortia-FBK at SemEval-2017 Task 5: Bullish or Bearish? Inferring Sentiment towards Brands from Financial News Headlines*
Youness Mansar, Lorenzo Gatti, Sira Ferradans, Marco Guerini and Jacopo Staiano

16:30–17:30 *SSN_MLRG1 at SemEval-2017 Task 5: Fine-Grained Sentiment Analysis Using Multiple Kernel Gaussian Process Regression Model*
Angel Deborah S, S Milton Rajendram and T T Mirnalinee

16:30–17:30 *IBA-Sys at SemEval-2017 Task 5: Fine-Grained Sentiment Analysis on Financial Microblogs and News*
Zarmeen Nasim

16:30–17:30 *HHU at SemEval-2017 Task 5: Fine-Grained Sentiment Analysis on Financial Data using Machine Learning Methods*
Tobias Cabanski, Julia Romberg and Stefan Conrad

16:30–17:30 *INF-UFRGS at SemEval-2017 Task 5: A Supervised Identification of Sentiment Score in Tweets and Headlines*
Tiago Zini, Karin Becker and Marcelo Dias

16:30–17:30 *HCS at SemEval-2017 Task 5: Polarity detection in business news using convolutional neural networks*
Lidia Pivovarova, Llorenç Escoter, Arto Klami and Roman Yangarber

16:30–17:30 *NLG301 at SemEval-2017 Task 5: Fine-Grained Sentiment Analysis on Financial Microblogs and News*
Chung-Chi Chen, Hen-Hsen Huang and Hsin-Hsi Chen

16:30–17:30 *funSentiment at SemEval-2017 Task 5: Fine-Grained Sentiment Analysis on Financial Microblogs Using Word Vectors Built from StockTwits and Twitter*
Quanzhi Li, Sameena Shah, Armineh Nourbakhsh, Rui Fang and Xiaomo Liu

16:30–17:30 *SentiHeros at SemEval-2017 Task 5: An application of Sentiment Analysis on Financial Tweets*
Narges Tabari, Armin Seyeditabari and Wlodek Zadrozny

16:30–17:30 *DUTH at SemEval-2017 Task 5: Sentiment Predictability in Financial Microblogging and News Articles*
Symeon Symeonidis, John Kordonis, Dimitrios Effrosynidis and Avi Arampatzis

16:30–17:30 *TakeLab at SemEval-2017 Task 5: Linear aggregation of word embeddings for fine-grained sentiment analysis of financial news*
Leon Rotim, Martin Tutek and Jan Šnajder

16:30–17:30 *UW-FinSent at SemEval-2017 Task 5: Sentiment Analysis on Financial News Headlines using Training Dataset Augmentation*
Vineet John and Olga Vechtomova

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16:30–17:30 *RiTUAL-UH at SemEval-2017 Task 5: Sentiment Analysis on Financial Data Using Neural Networks*
Sudipta Kar, Suraj Maharjan and Thamar Solorio

16:30–17:30 *COMMIT at SemEval-2017 Task 5: Ontology-based Method for Sentiment Analysis of Financial Headlines*
Kim Schouten, Flavius Frasincar and Franciska de Jong

16:30–17:30 *ECNU at SemEval-2017 Task 5: An Ensemble of Regression Algorithms with Effective Features for Fine-Grained Sentiment Analysis in Financial Domain*
Mengxiao Jiang, Man Lan and Yuanbin Wu

16:30–17:30 *IITPB at SemEval-2017 Task 5: Sentiment Prediction in Financial Text*
Abhishek Kumar, Abhishek Sethi, Md Shad Akhtar, Asif Ekbal, Chris Biemann and Pushpak Bhattacharyya

16:30–17:30 *IITP at SemEval-2017 Task 5: An Ensemble of Deep Learning and Feature Based Models for Financial Sentiment Analysis*
Deepanway Ghosal, Shobhit Bhatnagar, Md Shad Akhtar, Asif Ekbal and Pushpak Bhattacharyya

16:30–17:30 *FEUP at SemEval-2017 Task 5: Predicting Sentiment Polarity and Intensity with Financial Word Embeddings*
Pedro Saleiro, Eduarda Mendes Rodrigues, Carlos Soares and Eugénio Oliveira

16:30–17:30 *UIT-DANGNT-CLNLP at SemEval-2017 Task 9: Building Scientific Concept Fixing Patterns for Improving CAMR*
Khoa Nguyen and Dang Nguyen

16:30–17:30 *Oxford at SemEval-2017 Task 9: Neural AMR Parsing with Pointer-Augmented Attention*
Jan Buys and Phil Blunsom

16:30–17:30 *FORGe at SemEval-2017 Task 9: Deep sentence generation based on a sequence of graph transducers*
Simon Mille, Roberto Carlini, Alicia Burga and Leo Wanner

16:30–17:30 *RIGOTRIO at SemEval-2017 Task 9: Combining Machine Learning and Grammar Engineering for AMR Parsing and Generation*
Normunds Gruzitis, Didzis Gosko and Guntis Barzdins

16:30–17:30 *The Meaning Factory at SemEval-2017 Task 9: Producing AMRs with Neural Semantic Parsing*
Rik van Noord and Johan Bos

16:30–17:30 *PKU_ICL at SemEval-2017 Task 10: Keyphrase Extraction with Model Ensemble and External Knowledge*
Liang Wang and Sujian Li

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16:30–17:30 *NTNU-1@ScienceIE at SemEval-2017 Task 10: Identifying and Labelling Keyphrases with Conditional Random Fields*
Erwin Marsi, Utpal Kumar Sikdar, Cristina Marco, Biswanath Barik and Rune Sætre

16:30–17:30 *EELECTION at SemEval-2017 Task 10: Ensemble of nEural Learners for kEyphrase ClassificaTION*
Steffen Eger, Erik-Lân Do Dinh, Ilia Kuznetsov, Masoud Kiaeeha and Iryna Gurevych

16:30–17:30 *LABDA at SemEval-2017 Task 10: Extracting Keyphrases from Scientific Publications by combining the BANNER tool and the UMLS Semantic Network*
Isabel Segura-Bedmar, Cristóbal Colón-Ruiz and Paloma Martínez

16:30–17:30 *The NTNU System at SemEval-2017 Task 10: Extracting Keyphrases and Relations from Scientific Publications Using Multiple Conditional Random Fields*
Lung-Hao Lee, Kuei-Ching Lee and Yuen-Hsien Tseng

16:30–17:30 *MayoNLP at SemEval 2017 Task 10: Word Embedding Distance Pattern for Keyphrase Classification in Scientific Publications*
Sijia Liu, Feichen Shen, Vipin Chaudhary and Hongfang Liu

16:30–17:30 *Know-Center at SemEval-2017 Task 10: Sequence Classification with the CODE Annotator*
Roman Kern, Stefan Falk and Andi Rexha

16:30–17:30 *NTNU-2 at SemEval-2017 Task 10: Identifying Synonym and Hyponym Relations among Keyphrases in Scientific Documents*
Biswanath Barik and Erwin Marsi

16:30–17:30 *LABDA at SemEval-2017 Task 10: Relation Classification between keyphrases via Convolutional Neural Network*
Víctor Suárez-Paniagua, Isabel Segura-Bedmar and Paloma Martínez

16:30–17:30 *WING-NUS at SemEval-2017 Task 10: Keyphrase Extraction and Classification as Joint Sequence Labeling*
Animesh Prasad and Min-Yen Kan

16:30–17:30 *MIT at SemEval-2017 Task 10: Relation Extraction with Convolutional Neural Networks*
Ji Young Lee, Franck Dernoncourt and Peter Szolovits

16:30–17:30 *TTI-COIN at SemEval-2017 Task 10: Investigating Embeddings for End-to-End Relation Extraction from Scientific Papers*
Tomoki Tsujimura, Makoto Miwa and Yutaka Sasaki

16:30–17:30 *SZTE-NLP at SemEval-2017 Task 10: A High Precision Sequence Model for Keyphrase Extraction Utilizing Sparse Coding for Feature Generation*
Gábor Berend

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16:30–17:30 *LIPN at SemEval-2017 Task 10: Filtering Candidate Keyphrases from Scientific Publications with Part-of-Speech Tag Sequences to Train a Sequence Labeling Model*
Simon David Hernandez, Davide Buscaldi and Thierry Charnois

16:30–17:30 *EUDAMU at SemEval-2017 Task 11: Action Ranking and Type Matching for End-User Development*
Marek Kubis, Paweł Skórzewski and Tomasz Ziętkiewicz

16:30–17:30 *Hitachi at SemEval-2017 Task 12: System for temporal information extraction from clinical notes*
Sarath P R, Manikandan R and Yoshiki Niwa

16:30–17:30 *NTU-1 at SemEval-2017 Task 12: Detection and classification of temporal events in clinical data with domain adaptation*
Po-Yu Huang, Hen-Hsen Huang, Yu-Wun Wang, Ching Huang and Hsin-Hsi Chen

16:30–17:30 *XJNLP at SemEval-2017 Task 12: Clinical temporal information ex-traction with a Hybrid Model*
Yu Long, Zhijing Li, Xuan Wang and Chen Li

16:30–17:30 *ULISBOA at SemEval-2017 Task 12: Extraction and classification of temporal expressions and events*
Andre Lamurias, Diana Sousa, Sofia Pereira, Luka Clarke and Francisco M Couto

16:30–17:30 *GUIR at SemEval-2017 Task 12: A Framework for Cross-Domain Clinical Temporal Information Extraction*
Sean MacAvaney, Arman Cohan and Nazli Goharian

16:30–17:30 *KULeuven-LIIR at SemEval-2017 Task 12: Cross-Domain Temporal Information Extraction from Clinical Records*
Artuur Leeuwenberg and Marie-Francine Moens