SemEval-2015

The 9th International Workshop on Semantic Evaluation

Proceedings of SemEval-2015

June 4-5, 2015
Denver, Colorado, USA

Organized and sponsored in part by:
The ACL Special Interest Group on the Lexicon (SIGLEX)

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ISBN 978-1-941643-40-2

Welcome to SemEval-2015

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-2015 is the ninth workshop in the series of International Workshops on Semantic Evaluation Exercises. 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 in the following five SemEval workshops (2007–2014) the nature of the tasks 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-2015 were proposed in 2014.

SemEval-2015 was co-located with the 2015 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT'2015) in Denver, Colorado. It included the following 17 shared tasks[1] organized in five tracks:

- *Text Similarity and Question Answering* TRACK
  - Task 1: Paraphrase and Semantic Similarity in Twitter
  - Task 2: Semantic Textual Similarity
  - Task 3: Answer Selection in Community Question Answering
- *Time and Space* TRACK
  - Task 4: TimeLine: Cross-Document Event Ordering
  - Task 5: QA TempEval
  - Task 6: Clinical TempEval
  - Task 7: Diachronic Text Evaluation
  - Task 8: SpaceEval
- *Sentiment* TRACK
  - Task 9: CLIPEval Implicit Polarity of Events
  - Task 10: Sentiment Analysis in Twitter
  - Task 11: Sentiment Analysis of Figurative Language in Twitter
  - Task 12: Aspect Based Sentiment Analysis

[1] Task 16 was cancelled after acceptance, but we kept the original numbering

- *Word Sense Disambiguation and Induction* TRACK
  - Task 13: Multilingual All-Words Sense Disambiguation and Entity Linking
  - Task 14: Analysis of Clinical Text
  - Task 15: A CPA Dictionary-Entry-Building Task
- *Learning Semantic Relations* TRACK
  - Task 17: Taxonomy Extraction Evaluation
  - Task 18: Semantic Dependency Parsing

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 17 task description papers and 145 system description papers are included in this volume.

We are grateful to all task organisers (who organised 17 tasks!) and especially to the task participants whose massive participation (there were about 200 teams who submitted about 600 runs!) has made SemEval once again a successful event. We are thankful to those task organisers who also served as area chairs, and to those task organisers and task participants who helped with reviewing papers by their peers submitted to SemEval-2015: thanks for all the efforts, and for the high-quality, elaborate and thoughtful reviews! The papers in this proceedings have surely benefited from this feedback. We also thank the NAACL'2015 conference organizers for the local organization and the forum. Finally, we most gratefully acknowledge the support of our sponsor, the ACL Special Interest Group on the Lexicon (SIGLEX).

The SemEval-2015 organizers,
Daniel Cer, David Jurgens, Preslav Nakov and Torsten Zesch

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Thursday, June 4, 2015

08:00–08:30 ***Registration***

08:30–09:00 ***Opening remarks***

09:00–10:00 ***Joint *SEM and SemEval keynote talk by Marco Baroni, "Playing ficles and running with the corbons: What (multimodal) distributional semantic models learn during their childhood"***

Session SE1: Track I - Text Similarity and Question Answering (Session 1)

10:00–10:15 *SemEval-2015 Task 1: Paraphrase and Semantic Similarity in Twitter (PIT)*
Wei Xu, Chris Callison-Burch and Bill Dolan

10:15–10:25 *MITRE: Seven Systems for Semantic Similarity in Tweets*
Guido Zarrella, John Henderson, Elizabeth M. Merkhofer and Laura Strickhart

10:25–11:00 ***Poster Session: Tasks 1, 2, and 3 (Part 1)***

CICBUAPnlp: Graph-Based Approach for Answer Selection in Community Question Answering Task
Helena Gomez, Darnes Vilariño, David Pinto and Grigori Sidorov

HLTC-HKUST: A Neural Network Paraphrase Classifier using Translation Metrics, Semantic Roles and Lexical Similarity Features
Dario Bertero and Pascale Fung

FBK-HLT: An Effective System for Paraphrase Identification and Semantic Similarity in Twitter
Ngoc Phuoc An Vo, Simone Magnolini and Octavian Popescu

ECNU: Leveraging Word Embeddings to Boost Performance for Paraphrase in Twitter
Jiang Zhao and Man Lan

ROB: Using Semantic Meaning to Recognize Paraphrases
Rob van der Goot and Gertjan van Noord

AMRITA_CEN@SemEval-2015: Paraphrase Detection for Twitter using Unsupervised Feature Learning with Recursive Autoencoders
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Ebiquity: Paraphrase and Semantic Similarity in Twitter using Skipgrams
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RTM-DCU: Predicting Semantic Similarity with Referential Translation Machines
Ergun Bicici

Twitter Paraphrase Identification with Simple Overlap Features and SVMs
Asli Eyecioglu and Bill Keller

TKLBLIIR: Detecting Twitter Paraphrases with TweetingJay
Mladen Karan, Goran Glavaš, Jan Šnajder, Bojana Dalbelo Bašić, Ivan Vulić and Marie-Francine Moens

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Rafael - Michael Karampatsis

yiGou: A Semantic Text Similarity Computing System Based on SVM
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USAAR-SHEFFIELD: Semantic Textual Similarity with Deep Regression and Machine Translation Evaluation Metrics
Liling Tan, Carolina Scarton, Lucia Specia and Josef van Genabith

TrWP: Text Relatedness using Word and Phrase Relatedness
Md Rashadul Hasan Rakib, Aminul Islam and Evangelos Milios

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Ngoc Phuoc An Vo, Simone Magnolini and Octavian Popescu

UMDuluth-BlueTeam: SVCSTS - A Multilingual and Chunk Level Semantic Similarity System
Sakethram Karumuri, Viswanadh Kumar Reddy Vuggumudi and Sai Charan Raj Chitirala

SemantiKLUE: Semantic Textual Similarity with Maximum Weight Matching
Nataliia Plotnikova, Gabriella Lapesa, Thomas Proisl and Stefan Evert

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ECNU: Using Traditional Similarity Measurements and Word Embedding for Semantic Textual Similarity Estimation
Jiang Zhao, Man Lan and Jun Feng Tian

UQeResearch: Semantic Textual Similarity Quantification
Hamed Hassanzadeh, Tudor Groza, Anthony Nguyen and Jane Hunter

WSL: Sentence Similarity Using Semantic Distance Between Words
Naoko Miura and Tomohiro Takagi

SOPA: Random Forests Regression for the Semantic Textual Similarity task
Davide Buscaldi, Jorge Garcia Flores, Ivan V. Meza and Isaac Rodriguez

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Gábor Recski and Judit Ács

DCU: Using Distributional Semantics and Domain Adaptation for the Semantic Textual Similarity SemEval-2015 Task 2
Piyush Arora, Chris Hokamp, Jennifer Foster and Gareth Jones

DLS@CU: Sentence Similarity from Word Alignment and Semantic Vector Composition
Md Arafat Sultan, Steven Bethard and Tamara Sumner

FCICU: The Integration between Sense-Based Kernel and Surface-Based Methods to Measure Semantic Textual Similarity
Basma Hassan, Samir AbdelRahman and Reem Bahgat

AZMAT: Sentence Similarity Using Associative Matrices
Evan Jaffe, Lifeng Jin, David King and Marten van Schijndel

NeRoSim: A System for Measuring and Interpreting Semantic Textual Similarity
Rajendra Banjade, Nobal Bikram Niraula, Nabin Maharjan, Vasile Rus, Dan Stefanescu, Mihai Lintean and Dipesh Gautam

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Lushan Han, Justin Martineau, Doreen Cheng and Christopher Thomas

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Eneko Agirre, Aitor Gonzalez-Agirre, Inigo Lopez-Gazpio, Montse Maritxalar, German Rigau and Larraitz Uria

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TATO: Leveraging on Multiple Strategies for Semantic Textual Similarity
Tu Thanh Vu, Quan Hung Tran and Son Bao Pham

HITSZ-ICRC: Exploiting Classification Approach for Answer Selection in Community Question Answering
Yongshuai Hou, Cong Tan, Xiaolong Wang, Yaoyun Zhang, Jun Xu and Qingcai Chen

QCRI: Answer Selection for Community Question Answering - Experiments for Arabic and English
Massimo Nicosia, Simone Filice, Alberto Barrón-Cedeño, Iman Saleh, Hamdy Mubarak, Wei Gao, Preslav Nakov, Giovanni Da San Martino, Alessandro Moschitti, Kareem Darwish, Lluís Màrquez, Shafiq Joty and Walid Magdy

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Xiaoqiang Zhou, Baotian Hu, Jiaxin Lin, Yang xiang and Xiaolong Wang

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Quan Hung Tran, Vu Tran, Tu Vu, Minh Nguyen and Son Bao Pham

Shiraz: A Proposed List Wise Approach to Answer Validation
Amin Heydari Alashty, Saeed Rahmani, Meysam Roostaee and Mostafa Fakhrahmad

Al-Bayan: A Knowledge-based System for Arabic Answer Selection
Reham Mohamed, Maha Ragab, Heba Abdelnasser, Nagwa M. El-Makky and Marwan Torki

FBK-HLT: An Application of Semantic Textual Similarity for Answer Selection in Community Question Answering
Ngoc Phuoc An Vo, Simone Magnolini and Octavian Popescu

ECNU: Using Multiple Sources of CQA-based Information for Answers Selection and YES/NO Response Inference
Liang Yi, JianXiang Wang and Man Lan

Voltron: A Hybrid System For Answer Validation Based On Lexical And Distance Features
Ivan Zamanov, Marina Kraeva, Nelly Hateva, Ivana Yovcheva, Ivelina Nikolova and Galia Angelova

CoMiC: Adapting a Short Answer Assessment System for Answer Selection
Björn Rudzewitz and Ramon Ziai

MITRE: Seven Systems for Semantic Similarity in Tweets
Guido Zarrella, John Henderson, Elizabeth M. Merkhofer and Laura Strickhart

ExB Themis: Extensive Feature Extraction from Word Alignments for Semantic Textual Similarity
Christian Hänig, Robert Remus and Xose de la Puente

VectorSLU: A Continuous Word Vector Approach to Answer Selection in Community Question Answering Systems
Yonatan Belinkov, Mitra Mohtarami, Scott Cyphers and James Glass

10:30–11:00 ***Coffee Break and Poster Session***

Session SE2: Track I - Text Similarity and Question Answering (Session 2)

11:00–11:15 *SemEval-2015 Task 2: Semantic Textual Similarity, English, Spanish and Pilot on Interpretability*
Eneko Agirre, Carmen Banea, Claire Cardie, Daniel Cer, Mona Diab, Aitor Gonzalez-Agirre, Weiwei Guo, Inigo Lopez-Gazpio, Montse Maritxalar, Rada Mihalcea, German Rigau, Larraitz Uria and Janyce Wiebe

11:15–11:25 *ExB Themis: Extensive Feature Extraction from Word Alignments for Semantic Textual Similarity*
Christian Hänig, Robert Remus and Xose de la Puente

11:25–11:40 *SemEval-2015 Task 3: Answer Selection in Community Question Answering*
Preslav Nakov, Lluís Màrquez, Walid Magdy, Alessandro Moschitti, Jim Glass and Bilal Randeree

11:40–11:50 *VectorSLU: A Continuous Word Vector Approach to Answer Selection in Community Question Answering Systems*
Yonatan Belinkov, Mitra Mohtarami, Scott Cyphers and James Glass

11:50–12:30 ***Poster Session: Tasks 1, 2, and 3 (Part 2)***

12:30–13:30 ***Lunch Break***

Session SE3: Track IV - Word Sense Disambiguation and Induction

13:30–13:45 *SemEval-2015 Task 13: Multilingual All-Words Sense Disambiguation and Entity Linking*
Andrea Moro and Roberto Navigli

13:45–13:55 *LIMSI: Translations as Source of Indirect Supervision for Multilingual All-Words Sense Disambiguation and Entity Linking*
Marianna Apidianaki and Li Gong

13:55–14:10 *SemEval-2015 Task 14: Analysis of Clinical Text*
Noémie Elhadad, Sameer Pradhan, Sharon Gorman, Suresh Manandhar, Wendy Chapman and Guergana Savova

14:10–14:20 *UTH-CCB: The Participation of the SemEval 2015 Challenge – Task 14*
Jun Xu, Yaoyun Zhang, Jingqi Wang, Yonghui Wu, Min Jiang, Ergin Soysal and Hua Xu

14:20–14:35 *SemEval-2015 Task 15: A CPA dictionary-entry-building task*
Vít Baisa, Jane Bradbury, Silvie Cinkova, Ismail El Maarouf, Adam Kilgarriff and Octavian Popescu

14:35–14:45 *BLCUNLP: Corpus Pattern Analysis for Verbs Based on Dependency Chain*
Yukun Feng, Qiao Deng and Dong Yu

14:45–16:00 ***Poster Session: Tasks 13, 14, and 15***

WSD-games: a Game-Theoretic Algorithm for Unsupervised Word Sense Disambiguation
Rocco Tripodi and Marcello Pelillo

DFKI: Multi-objective Optimization for the Joint Disambiguation of Entities and Nouns & Deep Verb Sense Disambiguation
Dirk Weissenborn, Feiyu Xu and Hans Uszkoreit

EBL-Hope: Multilingual Word Sense Disambiguation Using a Hybrid Knowledge-Based Technique
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VUA-background : When to Use Background Information to Perform Word Sense Disambiguation
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TeamUFAL: WSD+EL as Document Retrieval
Petr Fanta, Roman Sudarikov and Ondrej Bojar

EL92: Entity Linking Combining Open Source Annotators via Weighted Voting
Pablo Ruiz and Thierry Poibeau

UNIBA: Combining Distributional Semantic Models and Sense Distribution for Multilingual All-Words Sense Disambiguation and Entity Linking
Pierpaolo Basile, Annalina Caputo and Giovanni Semeraro

SUDOKU: Treating Word Sense Disambiguation & Entitiy Linking as a Deterministic Problem - via an Unsupervised & Iterative Approach
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Kai Hakala

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André Leal, Bruno Martins and Francisco Couto

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Parth Pathak, Pinal Patel, Vishal Panchal, Sagar Soni, Kinjal Dani, Amrish Patel and Narayan Choudhary

CUAB: Supervised Learning of Disorders and their Attributes using Relations
James Gung, John Osborne and Steven Bethard

BioinformaticsUA: Machine Learning and Rule-Based Recognition of Disorders and Clinical Attributes from Patient Notes
Sérgio Matos, José Sequeira and José Luís Oliveira

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CMILLS: Adapting Semantic Role Labeling Features to Dependency Parsing
Chad Mills and Gina-Anne Levow

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Ted Pedersen

LIMSI: Translations as Source of Indirect Supervision for Multilingual All-Words Sense Disambiguation and Entity Linking
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BLCUNLP: Corpus Pattern Analysis for Verbs Based on Dependency Chain
Yukun Feng, Qiao Deng and Dong Yu

15:30–16:00 ***Coffee Break and Poster Session***

Session SE3: Track III - Sentiment

16:00–16:15 *SemEval-2015 Task 9: CLIPEval Implicit Polarity of Events*
Irene Russo, Tommaso Caselli and Carlo Strapparava

16:15–16:30 *SemEval-2015 Task 10: Sentiment Analysis in Twitter*
Sara Rosenthal, Preslav Nakov, Svetlana Kiritchenko, Saif Mohammad, Alan Ritter and Veselin Stoyanov

16:30–16:40 *UNITN: Training Deep Convolutional Neural Network for Twitter Sentiment Classification*
Aliaksei Severyn and Alessandro Moschitti

16:40–16:55 *SemEval-2015 Task 11: Sentiment Analysis of Figurative Language in Twitter*
Aniruddha Ghosh, Guofu Li, Tony Veale, Paolo Rosso, Ekaterina Shutova, John Barnden and Antonio Reyes

16:55–17:05 *CLaC-SentiPipe: SemEval2015 Subtasks 10 B,E, and Task 11*
Canberk Özdemir and Sabine Bergler

17:05–17:20 *SemEval-2015 Task 12: Aspect Based Sentiment Analysis*
Maria Pontiki, Dimitris Galanis, Haris Papageorgiou, Suresh Manandhar and Ion Androutsopoulos

17:20–17:30 *NLANGP: Supervised Machine Learning System for Aspect Category Classification and Opinion Target Extraction*
Zhiqiang Toh and Jian Su

17:30–18:30 ***Poster Session: Tasks 9, 10, 11, and 12***

SHELLFBK: An Information Retrieval-based System For Multi-Domain Sentiment Analysis
Mauro Dragoni

DIEGOLab: An Approach for Message-level Sentiment Classification in Twitter
Abeed Sarker, Azadeh Nikfarjam, Davy Weissenbacher and Graciela Gonzalez

Splusplus: A Feature-Rich Two-stage Classifier for Sentiment Analysis of Tweets
Li Dong, Furu Wei, Yichun Yin, Ming Zhou and Ke Xu

IIIT-H at SemEval 2015: Twitter Sentiment Analysis – The Good, the Bad and the Neutral!
Ayushi Dalmia, Manish Gupta and Vasudeva Varma

CIS-positive: A Combination of Convolutional Neural Networks and Support Vector Machines for Sentiment Analysis in Twitter
Sebastian Ebert, Ngoc Thang Vu and Hinrich Schütze

GTI: An Unsupervised Approach for Sentiment Analysis in Twitter
Milagros Fernández-Gavilanes, Tamara Álvarez-López, Jonathan Juncal-Martínez, Enrique Costa-Montenegro and Francisco Javier González-Castaño

Gradiant-Analytics: Training Polarity Shifters with CRFs for Message Level Polarity Detection
Héctor Cerezo-Costas and Diego Celix-Salgado

IOA: Improving SVM Based Sentiment Classification Through Post Processing
Peijia Li, Weiqun Xu, Chenglong Ma, Jia Sun and Yonghong Yan

RoseMerry: A Baseline Message-level Sentiment Classification System
Huizhi Liang, Richard Fothergill and Timothy Baldwin

UDLAP: Sentiment Analysis Using a Graph-Based Representation
Esteban Castillo, Ofelia Cervantes, Darnes Vilariño, David Báez and Alfredo Sánchez

ECNU: Multi-level Sentiment Analysis on Twitter Using Traditional Linguistic Features and Word Embedding Features
Zhihua Zhang, Guoshun Wu and Man Lan

Lsislif: Feature Extraction and Label Weighting for Sentiment Analysis in Twitter
Hussam Hamdan, Patrice Bellot and Frederic Bechet

ELiRF: A SVM Approach for SA tasks in Twitter at SemEval-2015
Mayte Giménez, Ferran Pla and Lluís-F. Hurtado

Webis: An Ensemble for Twitter Sentiment Detection
Matthias Hagen, Martin Potthast, Michel Büchner and Benno Stein

Sentibase: Sentiment Analysis in Twitter on a Budget
Satarupa Guha, Aditya Joshi and Vasudeva Varma

UNIBA: Sentiment Analysis of English Tweets Combining Micro-blogging, Lexicon and Semantic Features
Pierpaolo Basile and Nicole Novielli

IITPSemEval: Sentiment Discovery from 140 Characters
Ayush Kumar, Vamsi Krishna and Asif Ekbal

Swiss-Chocolate: Combining Flipout Regularization and Random Forests with Artificially Built Subsystems to Boost Text-Classification for Sentiment
Fatih Uzdilli, Martin Jaggi, Dominic Egger, Pascal Julmy, Leon Derczynski and Mark Cieliebak

INESC-ID: A Regression Model for Large Scale Twitter Sentiment Lexicon Induction
Silvio Amir, Wang Ling, Ramón Astudillo, Bruno Martins, Mario J. Silva and Isabel Trancoso

KLUEless: Polarity Classification and Association
Nataliia Plotnikova, Micha Kohl, Kevin Volkert, Stefan Evert, Andreas Lerner, Natalie Dykes and Heiko Ermer

SWASH: A Naive Bayes Classifier for Tweet Sentiment Identification
Ruth Talbot, Chloe Acheampong and Richard Wicentowski

SWATCS65: Sentiment Classification Using an Ensemble of Class Projects
Richard Wicentowski

SWATAC: A Sentiment Analyzer using One-Vs-Rest Logistic Regression
Yousef Alhessi and Richard Wicentowski

TwitterHawk: A Feature Bucket Based Approach to Sentiment Analysis
William Boag, Peter Potash and Anna Rumshisky

SeNTU: Sentiment Analysis of Tweets by Combining a Rule-based Classifier with Supervised Learning
Prerna Chikersal, Soujanya Poria and Erik Cambria

INESC-ID: Sentiment Analysis without Hand-Coded Features or Linguistic Resources using Embedding Subspaces
Ramón Astudillo, Silvio Amir, Wang Ling, Bruno Martins, Mario J. Silva and Isabel Trancoso

WarwickDCS: From Phrase-Based to Target-Specific Sentiment Recognition
Richard Townsend, Adam Tsakalidis, Yiwei Zhou, Bo Wang, Maria Liakata, Arkaitz Zubiaga, Alexandra Cristea and Rob Procter

UIR-PKU: Twitter-OpinMiner System for Sentiment Analysis in Twitter at SemEval 2015
Xu Han, Binyang Li, Jing Ma, Yuxiao Zhang, Gaoyan Ou, Tengjiao Wang and Kam-fai Wong

SWAT-CMW: Classification of Twitter Emotional Polarity using a Multiple-Classifier Decision Schema and Enhanced Emotion Tagging
Riley Collins, Daniel May, Noah Weinthal and Richard Wicentowski

LLT-PolyU: Identifying Sentiment Intensity in Ironic Tweets
Hongzhi Xu, Enrico Santus, Anna Laszlo and Chu-Ren Huang

KELabTeam: A Statistical Approach on Figurative Language Sentiment Analysis in Twitter
Hoang Long Nguyen, Trung Duc Nguyen, Dosam Hwang and Jason J. Jung

LT3: Sentiment Analysis of Figurative Tweets: piece of cake #NotReally
Cynthia Van Hee, Els Lefever and Veronique Hoste

PRHLT: Combination of Deep Autoencoders with Classification and Regression Techniques for SemEval-2015 Task 11
Parth Gupta and Jon Ander Gómez

ValenTo: Sentiment Analysis of Figurative Language Tweets with Irony and Sarcasm
Delia Irazú Hernández Farías, Emilio Sulis, Viviana Patti, Giancarlo Ruffo and Cristina Bosco

CPH: Sentiment analysis of Figurative Language on Twitter #easypeasy #not
Sarah McGillion, Héctor Martínez Alonso and Barbara Plank

UPF-taln: SemEval 2015 Tasks 10 and 11. Sentiment Analysis of Literal and Figurative Language in Twitter
Francesco Barbieri, Francesco Ronzano and Horacio Saggion

DsUniPi: An SVM-based Approach for Sentiment Analysis of Figurative Language on Twitter
Maria Karanasou, Christos Doulkeridis and Maria Halkidi

V3: Unsupervised Aspect Based Sentiment Analysis for SemEval2015 Task 12
Aitor García Pablos, Montse Cuadros and German Rigau

LT3: Applying Hybrid Terminology Extraction to Aspect-Based Sentiment Analysis
Orphee De Clercq, Marjan Van de Kauter, Els Lefever and Veronique Hoste

UFRGS: Identifying Categories and Targets in Customer Reviews
Anderson Kauer and Viviane Moreira

SINAI: Syntactic Approach for Aspect-Based Sentiment Analysis
Salud M. Jiménez-Zafra, Eugenio Martínez-Cámara, M. Teresa Martín-Valdivia and L. Alfonso Ureña López

ECNU: Extracting Effective Features from Multiple Sequential Sentences for Target-dependent Sentiment Analysis in Reviews
Zhihua Zhang and Man Lan

UMDuluth-CS8761-12: A Novel Machine Learning Approach for Aspect Based Sentiment Analysis
Ravikanth Repaka, Ranga Reddy Pallelra, Akshay Reddy Koppula and Venkata Subhash Movva

EliXa: A Modular and Flexible ABSA Platform
Iñaki San Vicente, Xabier Saralegi and Rodrigo Agerri

Lsislif: CRF and Logistic Regression for Opinion Target Extraction and Sentiment Polarity Analysis
Hussam Hamdan, Patrice Bellot and Frederic Bechet

SIEL: Aspect Based Sentiment Analysis in Reviews
Satarupa Guha, Aditya Joshi and Vasudeva Varma

Sentiue: Target and Aspect based Sentiment Analysis in SemEval-2015 Task 12
José Saias

TJUdeM: A Combination Classifier for Aspect Category Detection and Sentiment Polarity Classification
Zhifei Zhang, Jian-Yun Nie and Hongling Wang

Friday, June 5, 2015

Session SE5: Track II - Time and Space (Part 1)

09:00–09:15 *SemEval-2015 Task 4: TimeLine: Cross-Document Event Ordering*
Anne-Lyse Minard, Manuela Speranza, Eneko Agirre, Itziar Aldabe, Marieke van Erp, Bernardo Magnini, German Rigau and Ruben Urizar

09:15–09:25 *SPINOZA_VU: An NLP Pipeline for Cross Document TimeLines*
Tommaso Caselli, Antske Fokkens, Roser Morante and Piek Vossen

09:25–09:40 *SemEval-2015 Task 5: QA TempEval - Evaluating Temporal Information Understanding with Question Answering*
Hector Llorens, Nathanael Chambers, Naushad UzZaman, Nasrin Mostafazadeh, James Allen and James Pustejovsky

09:40–09:50 *HLT-FBK: a Complete Temporal Processing System for QA TempEval*
Paramita Mirza and Anne-Lyse Minard

09:50–10:05 *SemEval-2015 Task 6: Clinical TempEval*
Steven Bethard, Leon Derczynski, Guergana Savova, James Pustejovsky and Marc Verhagen

10:05–10:15 *BluLab: Temporal Information Extraction for the 2015 Clinical TempEval Challenge*
Sumithra Velupillai, Danielle L Mowery, Samir Abdelrahman, Lee Christensen and Wendy Chapman

10:15–11:00 ***Poster Session: Tasks 4, 5, 6, 7, and 8 (Part 1)***

GPLSIUA: Combining Temporal Information and Topic Modeling for Cross-Document Event Ordering
Borja Navarro and Estela Saquete

HeidelToul: A Baseline Approach for Cross-document Event Ordering
Bilel Moulahi, Jannik Strötgen, Michael Gertz and Lynda Tamine

HITSZ-ICRC: An Integration Approach for QA TempEval Challenge
Yongshuai Hou, Cong Tan, Qingcai Chen and Xiaolong Wang

Friday, June 5, 2015 (continued)

UFPRSheffield: Contrasting Rule-based and Support Vector Machine Approaches to Time Expression Identification in Clinical TempEval
Hegler Tissot, Genevieve Gorrell, Angus Roberts, Leon Derczynski and Marcos Didonet Del Fabro

IXAGroupEHUDiac: A Multiple Approach System towards the Diachronic Evaluation of Texts
Haritz Salaberri, Iker Salaberri, Olatz Arregi and Beñat Zapirain

USAAR-CHRONOS: Crawling the Web for Temporal Annotations
Liling Tan and Noam Ordan

AMBRA: A Ranking Approach to Temporal Text Classification
Marcos Zampieri, Alina Maria Ciobanu, Vlad Niculae and Liviu P. Dinu

IXAGroupEHUSpaceEval: (X-Space) A WordNet-based approach towards the Automatic Recognition of Spatial Information following the ISO-Space Annotation Scheme
Haritz Salaberri, Olatz Arregi and Beñat Zapirain

UTD: Ensemble-Based Spatial Relation Extraction
Jennifer D'Souza and Vincent Ng

SPINOZA_VU: An NLP Pipeline for Cross Document TimeLines
Tommaso Caselli, Antske Fokkens, Roser Morante and Piek Vossen

HLT-FBK: a Complete Temporal Processing System for QA TempEval
Paramita Mirza and Anne-Lyse Minard

BluLab: Temporal Information Extraction for the 2015 Clinical TempEval Challenge
Sumithra Velupillai, Danielle L Mowery, Samir Abdelrahman, Lee Christensen and Wendy Chapman

UCD : Diachronic Text Classification with Character, Word, and Syntactic N-grams
Terrence Szymanski and Gerard Lynch

SpRL-CWW: Spatial Relation Classification with Independent Multi-class Models
Eric Nichols and Fadi Botros

10:30–11:00 ***Coffee Break and Poster Session***

Friday, June 5, 2015 (continued)

Session SE6: Track II - Time and Space (Part 2)

11:00–11:15 *SemEval 2015, Task 7: Diachronic Text Evaluation*
Octavian Popescu and Carlo Strapparava

11:15–11:25 *UCD : Diachronic Text Classification with Character, Word, and Syntactic N-grams*
Terrence Szymanski and Gerard Lynch

11:25–11:40 *SemEval-2015 Task 8: SpaceEval*
James Pustejovsky, Parisa Kordjamshidi, Marie-Francine Moens, Aaron Levine, Seth Dworman and Zachary Yocum

11:40–11:50 *SpRL-CWW: Spatial Relation Classification with Independent Multi-class Models*
Eric Nichols and Fadi Botros

11:50–12:30 ***Poster Session: Tasks 4, 5, 6, 7, and 8 (Part 2)***

12:30–14:00 ***Lunch Break***

Session SE6: Track V - Learning Semantic Relations

14:00–14:15 *SemEval-2015 Task 17: Taxonomy Extraction Evaluation (TExEval)*
Georgeta Bordea, Paul Buitelaar, Stefano Faralli and Roberto Navigli

14:15–14:25 *INRIASAC: Simple Hypernym Extraction Methods*
Gregory Grefenstette

14:25–14:40 *SemEval 2015 Task 18: Broad-Coverage Semantic Dependency Parsing*
Stephan Oepen, Marco Kuhlmann, Yusuke Miyao, Daniel Zeman, Silvie Cinkova, Dan Flickinger, Jan Hajic and Zdenka Uresova

14:40–14:50 *Peking: Building Semantic Dependency Graphs with a Hybrid Parser*
Yantao Du, Fan Zhang, Xun Zhang, Weiwei Sun and Xiaojun Wan

14:50–16:00 ***Poster Session: Tasks 17 and 18***

Friday, June 5, 2015 (continued)

USAAR-WLV: Hypernym Generation with Deep Neural Nets
Liling Tan, Rohit Gupta and Josef van Genabith

NTNU: An Unsupervised Knowledge Approach for Taxonomy Extraction
Bamfa Ceesay and Wen Juan Hou

LT3: A Multi-modular Approach to Automatic Taxonomy Construction
Els Lefever

TALN-UPF: Taxonomy Learning Exploiting CRF-Based Hypernym Extraction on Encyclopedic Definitions
Luis Espinosa Anke, Horacio Saggion and Francesco Ronzano

QASSIT: A Pretopological Framework for the Automatic Construction of Lexical Taxonomies from Raw Texts
Guillaume Cleuziou, Davide Buscaldi, Gaël Dias, Vincent Levorato and Christine Largeron

Riga: from FrameNet to Semantic Frames with C6.0 Rules
Guntis Barzdins, Peteris Paikens and Didzis Gosko

Turku: Semantic Dependency Parsing as a Sequence Classification
Jenna Kanerva, Juhani Luotolahti and Filip Ginter

Lisbon: Evaluating TurboSemanticParser on Multiple Languages and Out-of-Domain Data
Mariana S. C. Almeida and André F. T. Martins

INRIASAC: Simple Hypernym Extraction Methods
Gregory Grefenstette

Peking: Building Semantic Dependency Graphs with a Hybrid Parser
Yantao Du, Fan Zhang, Xun Zhang, Weiwei Sun and Xiaojun Wan

15:30–16:00 ***Coffee Break and Poster Session***

16:00–16:40 ***SemEval-2016 Task Announcements***

16:40–17:40 ***Closing Session (statistics, polls, questions)***