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The International Workshop on Semantic Evaluation

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Introduction

Welcome to SemEval-2019!

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-2019 is the thirteenth 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 2019 were proposed in 2018.

SemEval-2019 was co-located with the 17th Annual Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL HLT 2019) in Minneapolis, Minnesota, USA. It included the following 11 shared tasks organized in five tracks:

- Frame Semantics and Semantic Parsing
  - Task 1: Cross-lingual Semantic Parsing with UCCA
  - Task 2: Unsupervised Lexical Semantic Frame Induction
- Opinion, Emotion and Abusive Language Detection
  - Task 3: EmoContext: Contextual Emotion Detection in Text
  - Task 4: Hyperpartisan News Detection
  - Task 5: HatEval: Multilingual Detection of Hate Speech Against Immigrants and Women in Twitter
  - Task 6: OffensEval: Identifying and Categorizing Offensive Language in Social Media
- Fact vs. Fiction
  - Task 7: RumourEval 2019: Determining Rumour Veracity and Support for Rumours
  - Task 8: Fact Checking in Community Question Answering Forums
- Information Extraction and Question Answering
  - Task 9: Suggestion Mining from Online Reviews and Forums
  - Task 10: Math Question Answering
- NLP for Scientific Applications
  - Task 12: Toponym Resolution in Scientific Papers

This volume contains both Task Description papers that describe each of the above tasks, and System Description papers that present the systems that participated in these tasks. A total of 11 task description papers and 220 system description papers are included in this volume.

We are grateful to all task organizers as well as to 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 NAACL HLT 2019 conference organizers for their support. Finally, we most gratefully acknowledge the support of our sponsors: the ACL Special Interest Group on the Lexicon (SIGLEX) and Microsoft.

The SemEval 2019 organizers, Jonathan May, Ekaterina Shutova, Aurelie Herbelot, Xiaodan Zhu, Marianna Apidianaki, Saif M. Mohammad

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Invited Speaker:

Samuel R. Bowman, New York University

Invited Talk: Task-Independent Sentence Understanding

Samuel R. Bowman
New York University

Abstract

This talk deals with the goal of task-independent language understanding: building machine learning models that can learn to do most of the hard work of language understanding before they see a single example of the language understanding task they're meant to solve, in service of making the best of modern NLP systems both better and more data-efficient. I'll survey the (dramatic!) progress that the NLP research community has made toward this goal in the last year. In particular, I'll dwell on GLUE—an open-ended shared task competition that measures progress toward this goal for sentence understanding tasks—and I'll preview a few recent and forthcoming analysis papers that attempt to offer a bit of perspective on this recent progress.

Biography

I have been on the faculty at NYU since 2016, when I finished my PhD with Chris Manning and Chris Potts at Stanford. At NYU, I'm a core member of the new school-level Data Science unit, which focuses on machine learning, and a co-PI of the CILVR machine learning lab. My research focuses on data, evaluation techniques, and modeling techniques for sentence understanding in natural language processing, and on applications of machine learning to scientific questions in linguistic syntax and semantics. I am an area chair for *SEM 2018, ICLR 2019, and NAACL 2019; I organized a twenty-three person team at JSALT 2018; and I earned a 2015 EMNLP Best Resource Paper Award and a 2017 Google Faculty Research Award.

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Yimmon at SemEval-2019 Task 9: Suggestion Mining with Hybrid Augmented Approaches
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Yunxia Ding, Xiaobing Zhou and Xuejie Zhang 1272

YNU-HPCC at SemEval-2019 Task 9: Using a BERT and CNN-BiLSTM-GRU Model for Suggestion Mining
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Zoho at SemEval-2019 Task 9: Semi-supervised Domain Adaptation using Tri-training for Suggestion Mining
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ZQM at SemEval-2019 Task9: A Single Layer CNN Based on Pre-trained Model for Suggestion Mining
Qimin Zhou, Zhengxin Zhang, Hao Wu and Linmao Wang 1287

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Matthew Magnusson and Laura Dietz 1308

UniMelb at SemEval-2019 Task 12: Multi-model combination for toponym resolution
Haonan Li, Minghan Wang, Timothy Baldwin, Martin Tomko and Maria Vasardani 1313

University of Arizona at SemEval-2019 Task 12: Deep-Affix Named Entity Recognition of Geolocation Entities
Vikas Yadav, Egoitz Laparra, Ti-Tai Wang, Mihai Surdeanu and Steven Bethard 1319

Workshop Program

Thursday, June 6, 2019

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

09:30–10:30 *Invited Talk: Task-Independent Sentence Understanding*
Sam Bowman

10:30–11:00 ***Coffee***

11:00–12:30 ***Tasks 1, 2 and 3***

SemEval-2019 Task 1: Cross-lingual Semantic Parsing with UCCA
Daniel Hershcovich, Zohar Aizenbud, Leshem Choshen, Elior Sulem, Ari Rappoport and Omri Abend

HLT@SUDA at SemEval-2019 Task 1: UCCA Graph Parsing as Constituent Tree Parsing
Wei Jiang, Zhenghua Li, Yu Zhang and Min Zhang

SemEval-2019 Task 2: Unsupervised Lexical Frame Induction
Behrang QasemiZadeh, Miriam R L Petruck, Regina Stodden, Laura Kallmeyer and Marie Candito

Neural GRANNy at SemEval-2019 Task 2: A combined approach for better modeling of semantic relationships in semantic frame induction
Nikolay Arefyev, Boris Sheludko, Adis Davletov, Dmitry Kharchev, Alex Nevidomsky and Alexander Panchenko

SemEval-2019 Task 3: EmoContext Contextual Emotion Detection in Text
Ankush Chatterjee, Kedhar Nath Narahari, Meghana Joshi and Puneet Agrawal

ANA at SemEval-2019 Task 3: Contextual Emotion detection in Conversations through hierarchical LSTMs and BERT
Chenyang Huang, Amine Trabelsi and Osmar Zaiane

12:30–14:00 ***Lunch***

14:00–15:30 ***Tasks 5 and 6***

SemEval-2019 Task 5: Multilingual Detection of Hate Speech Against Immigrants and Women in Twitter
Valerio Basile, Cristina Bosco, Elisabetta Fersini, Debora Nozza, Viviana Patti, Francisco Manuel Rangel Pardo, Paolo Rosso and Manuela Sanguinetti

Atalaya at SemEval 2019 Task 5: Robust Embeddings for Tweet Classification
Juan Manuel Pérez and Franco M. Luque

FERMI at SemEval-2019 Task 5: Using Sentence embeddings to Identify Hate Speech Against Immigrants and Women in Twitter
Vijayasaradhi Indurthi, Bakhtiyar Syed, Manish Shrivastava, Nikhil Chakravartula, Manish Gupta and Vasudeva Varma

SemEval-2019 Task 6: Identifying and Categorizing Offensive Language in Social Media (OffensEval)
Marcos Zampieri, Shervin Malmasi, Preslav Nakov, Sara Rosenthal, Noura Farra and Ritesh Kumar

NULI at SemEval-2019 Task 6: Transfer Learning for Offensive Language Detection using Bidirectional Transformers
Ping Liu, Wen Li and Liang Zou

15:30–16:00 ***Coffee***

16:00–16:30 ***Discussion***

16:30–17:30 ***Poster Session***

CUNY-PKU Parser at SemEval-2019 Task 1: Cross-Lingual Semantic Parsing with UCCA
Weimin Lyu, Sheng Huang, Abdul Rafae Khan, Shengqiang Zhang, Weiwei Sun and Jia Xu

DANGNT@UIT.VNU-HCM at SemEval 2019 Task 1: Graph Transformation System from Stanford Basic Dependencies to Universal Conceptual Cognitive Annotation (UCCA)
Dang Tuan Nguyen and Trung Tran

GCN-Sem at SemEval-2019 Task 1: Semantic Parsing using Graph Convolutional and Recurrent Neural Networks
Shiva Taslimipoor, Omid Rohanian and Sara Može

MaskParse@Deskin at SemEval-2019 Task 1: Cross-lingual UCCA Semantic Parsing using Recursive Masked Sequence Tagging
Gabriel Marzinotto, Johannes Heinecke and Geraldine Damnati

Tüpa at SemEval-2019 Task1: (Almost) feature-free Semantic Parsing
Tobias Pütz and Kevin Glocker

UC Davis at SemEval-2019 Task 1: DAG Semantic Parsing with Attention-based Decoder
Dian Yu and Kenji Sagae

HHMM at SemEval-2019 Task 2: Unsupervised Frame Induction using Contextualized Word Embeddings
Saba Anwar, Dmitry Ustalov, Nikolay Arefyev, Simone Paolo Ponzetto, Chris Biemann and Alexander Panchenko

L2F/INESC-ID at SemEval-2019 Task 2: Unsupervised Lexical Semantic Frame Induction using Contextualized Word Representations
Eugénio Ribeiro, Vânia Mendonça, Ricardo Ribeiro, David Martins de Matos, Alberto Sardinha, Ana Lúcia Santos and Luísa Coheur

BrainEE at SemEval-2019 Task 3: Ensembling Linear Classifiers for Emotion Prediction
Vachagan Gratian

CAiRE_HKUST at SemEval-2019 Task 3: Hierarchical Attention for Dialogue Emotion Classification
Genta Indra Winata, Andrea Madotto, Zhaojiang Lin, Jamin Shin, Yan Xu, Peng Xu and Pascale Fung

CECL at SemEval-2019 Task 3: Using Surface Learning for Detecting Emotion in Textual Conversations
Yves Bestgen

CLaC Lab at SemEval-2019 Task 3: Contextual Emotion Detection Using a Combination of Neural Networks and SVM
Elham Mohammadi, Hessam Amini and Leila Kosseim

CLARK at SemEval-2019 Task 3: Exploring the Role of Context to Identify Emotion in a Short Conversation
Joseph Cummings and Jason Wilson

CLP at SemEval-2019 Task 3: Multi-Encoder in Hierarchical Attention Networks for Contextual Emotion Detection
Changjie Li and Yun Xing

CoAStaL at SemEval-2019 Task 3: Affect Classification in Dialogue using Attentive BiLSTMs
Ana Valeria Gonzalez, Victor Petrén Bach Hansen, Joachim Bingel, Isabelle Augenstein and Anders Søgaard

ConSSED at SemEval-2019 Task 3: Configurable Semantic and Sentiment Emotion Detector
Rafał Poświata

CX-ST-RNM at SemEval-2019 Task 3: Fusion of Recurrent Neural Networks Based on Contextualized and Static Word Representations for Contextual Emotion Detection
Michał Perełkiewicz

ParallelDots at SemEval-2019 Task 3: Domain Adaptation with feature embeddings for Contextual Emotion Analysis
Akansha Jain, Ishita Aggarwal and Ankit Singh

E-LSTM at SemEval-2019 Task 3: Semantic and Sentimental Features Retention for Emotion Detection in Text
Harsh Patel

ELiRF-UPV at SemEval-2019 Task 3: Snapshot Ensemble of Hierarchical Convolutional Neural Networks for Contextual Emotion Detection
José-Ángel González, Lluís-F. Hurtado and Ferran Pla

EmoDet at SemEval-2019 Task 3: Emotion Detection in Text using Deep Learning
Hani Al-Omari, Malak Abdullah and Nabeel Bassam

EMOMINER at SemEval-2019 Task 3: A Stacked BiLSTM Architecture for Contextual Emotion Detection in Text
Nikhil Chakravartula and Vijayasaradhi Indurthi

EmoSense at SemEval-2019 Task 3: Bidirectional LSTM Network for Contextual Emotion Detection in Textual Conversations
Sergey Smetanin

EPITA-ADAPT at SemEval-2019 Task 3: Detecting emotions in textual conversations using deep learning models combination
Abdessalam Bouchekif, Praveen Joshi, Latifa Bouchekif and Haithem Afli

Figure Eight at SemEval-2019 Task 3: Ensemble of Transfer Learning Methods for Contextual Emotion Detection
Joan Xiao

GenSMT at SemEval-2019 Task 3: Contextual Emotion Detection in tweets using multi task generic approach
Dumitru Bogdan

GWU NLP Lab at SemEval-2019 Task 3 :EmoContext: Effectiveness ofContextual Information in Models for Emotion Detection inSentence-level at Multi-genre Corpus
Shabnam Tafreshi and Mona Diab

IIT Gandhinagar at SemEval-2019 Task 3: Contextual Emotion Detection Using Deep Learning
Arik Pamnani, Rajat Goel, Jayesh Choudhari and Mayank Singh

KGPChamps at SemEval-2019 Task 3: A deep learning approach to detect emotions in the dialog utterances.
Jasabanta Patro, Nitin Choudhary, Kalpit Chittora and Animesh Mukherjee

KSU at SemEval-2019 Task 3: Hybrid Features for Emotion Recognition in Textual Conversation
Nourah Alswaidan and Mohamed El Bachir Menai

LIRMM-Advanse at SemEval-2019 Task 3: Attentive Conversation Modeling for Emotion Detection and Classification
Waleed Ragheb, Jérôme Azé, Sandra Bringay and Maximilien Servajean

MILAB at SemEval-2019 Task 3: Multi-View Turn-by-Turn Model for Context-Aware Sentiment Analysis
Yoonhyung Lee, Yanghoon Kim and Kyomin Jung

MoonGrad at SemEval-2019 Task 3: Ensemble BiRNNs for Contextual Emotion Detection in Dialogues
Chandrakant Bothe and Stefan Wermter

NELEC at SemEval-2019 Task 3: Think Twice Before Going Deep
Parag Agrawal and Anshuman Suri

NL-FIIT at SemEval-2019 Task 3: Emotion Detection From Conversational Triplets Using Hierarchical Encoders
Michal Farkas and Peter Lacko

NTUA-ISLab at SemEval-2019 Task 3: Determining emotions in contextual conversations with deep learning
Rolandos Alexandros Potamias and Gergios Siolas

ntuer at SemEval-2019 Task 3: Emotion Classification with Word and Sentence Representations in RCNN
Peixiang Zhong and Chunyan Miao

PKUSE at SemEval-2019 Task 3: Emotion Detection with Emotion-Oriented Neural Attention Network
Luyao Ma, Long Zhang, Wei Ye and Wenhui Hu

Podlab at SemEval-2019 Task 3: The Importance of Being Shallow
Andrew Nguyen, Tobin South, Nigel Bean, Jonathan Tuke and Lewis Mitchell

SCIA at SemEval-2019 Task 3: Sentiment Analysis in Textual Conversations Using Deep Learning
Zinedine Rebiai, Simon Andersen, Antoine Debrenne and Victor Lafargue

Sentim at SemEval-2019 Task 3: Convolutional Neural Networks For Sentiment in Conversations
Jacob Anderson

SINAI at SemEval-2019 Task 3: Using affective features for emotion classification in textual conversations
Flor Miriam Plaza del Arco, M. Dolores Molina González, Maite Martin and L. Alfonso Urena Lopez

SNU IDS at SemEval-2019 Task 3: Addressing Training-Test Class Distribution Mismatch in Conversational Classification
Sanghwan Bae, Jihun Choi and Sang-goo Lee

SSN_NLP at SemEval-2019 Task 3: Contextual Emotion Identification from Textual Conversation using Seq2Seq Deep Neural Network
Senthil Kumar B, Thenmozhi D, Aravindan Chandrabose and Srinethe Sharavanan

SWAP at SemEval-2019 Task 3: Emotion detection in conversations through Tweets, CNN and LSTM deep neural networks
Marco Polignano, Marco de Gemmis and Giovanni Semeraro

SymantoResearch at SemEval-2019 Task 3: Combined Neural Models for Emotion Classification in Human-Chatbot Conversations
Angelo Basile, Marc Franco-Salvador, Neha Pawar, Sanja Štajner, Mara Chinea Rios and Yassine Benajiba

TDBot at SemEval-2019 Task 3: Context Aware Emotion Detection Using A Conditioned Classification Approach
Sourabh Maity

THU_NGN at SemEval-2019 Task 3: Dialog Emotion Classification using Attentional LSTM-CNN
Suyu Ge, Tao Qi, Chuhan Wu and Yongfeng Huang

THU-HCSI at SemEval-2019 Task 3: Hierarchical Ensemble Classification of Contextual Emotion in Conversation
Xihao Liang, Ye Ma and Mingxing Xu

TokyoTech_NLP at SemEval-2019 Task 3: Emotion-related Symbols in Emotion Detection
Zhishen Yang, Sam Vijlbrief and Naoaki Okazaki

UAIC at SemEval-2019 Task 3: Extracting Much from Little
Cristian Simionescu, Ingrid Stoleru, Diana Lucaci, Gheorghe Balan, Iulian Bute and Adrian Iftene

YUN-HPCC at SemEval-2019 Task 3: Multi-Step Ensemble Neural Network for Sentiment Analysis in Textual Conversation
Dawei Li, Jin Wang and Xuejie Zhang

KDEHatEval at SemEval-2019 Task 5: A Neural Network Model for Detecting Hate Speech in Twitter
Umme Aymun Siddiqua, Abu Nowshed Chy and Masaki Aono

ABARUAH at SemEval-2019 Task 5 : Bi-directional LSTM for Hate Speech Detection
Arup Baruah, Ferdous Barbhuiya and Kuntal Dey

Amobee at SemEval-2019 Tasks 5 and 6: Multiple Choice CNN Over Contextual Embedding
Alon Rozental and Dadi Biton

CIC at SemEval-2019 Task 5: Simple Yet Very Efficient Approach to Hate Speech Detection, Aggressive Behavior Detection, and Target Classification in Twitter
Iqra Ameer, Muhammad Hammad Fahim Siddiqui, Grigori Sidorov and Alexander Gelbukh

CiTIUS-COLE at SemEval-2019 Task 5: Combining Linguistic Features to Identify Hate Speech Against Immigrants and Women on Multilingual Tweets
Sattam Almatarneh, Pablo Gamallo and Francisco J. Ribadas Pena

Grunn2019 at SemEval-2019 Task 5: Shared Task on Multilingual Detection of Hate
Mike Zhang, Roy David, Leon Graumans and Gerben Timmerman

GSI-UPM at SemEval-2019 Task 5: Semantic Similarity and Word Embeddings for Multilingual Detection of Hate Speech Against Immigrants and Women on Twitter
Diego Benito, Oscar Araque and Carlos A. Iglesias

HATEMINER at SemEval-2019 Task 5: Hate speech detection against Immigrants and Women in Twitter using a Multinomial Naive Bayes Classifier
Nikhil Chakravartula

HATERecognizer at SemEval-2019 Task 5: Using Features and Neural Networks to Face Hate Recognition
Victor Nina-Alcocer

GL at SemEval-2019 Task 5: Identifying hateful tweets with a deep learning approach.
Gretel Liz De la Peña

INF-HatEval at SemEval-2019 Task 5: Convolutional Neural Networks for Hate Speech Detection Against Women and Immigrants on Twitter
Alison Ribeiro and Nádia Silva

JCTDHS at SemEval-2019 Task 5: Detection of Hate Speech in Tweets using Deep Learning Methods, Character N-gram Features, and Preprocessing Methods
Yaakov HaCohen-Kerner, Elyashiv Shayovitz, Shalom Rochman, Eli Cahn, Gal Didi and Ziv Ben-David

Know-Center at SemEval-2019 Task 5: Multilingual Hate Speech Detection on Twitter using CNNs
Kevin Winter and Roman Kern

LT3 at SemEval-2019 Task 5: Multilingual Detection of Hate Speech Against Immigrants and Women in Twitter (hatEval)
Nina Bauwelinck, Gilles Jacobs, Veronique Hoste and Els Lefever

ltl.uni-due at SemEval-2019 Task 5: Simple but Effective Lexico-Semantic Features for Detecting Hate Speech in Twitter
Huangpan Zhang, Michael Wojatzki, Tobias Horsmann and Torsten Zesch

MineriaUNAM at SemEval-2019 Task 5: Detecting Hate Speech in Twitter using Multiple Features in a Combinatorial Framework
Luis Enrique Argota Vega, Jorge Carlos Reyes Magaña, Helena Gómez-Adorno and Gemma Bel-Enguix

MITRE at SemEval-2019 Task 5: Transfer Learning for Multilingual Hate Speech Detection
Abigail Gertner, John Henderson, Elizabeth Merkhofer, Amy Marsh, Ben Wellner and Guido Zarrella

STUFIIT at SemEval-2019 Task 5: Multilingual Hate Speech Detection on Twitter with MUSE and ELMo Embeddings
Michal Bojkovsky and Matus Pikuliak

Saagie at Semeval-2019 Task 5: From Universal Text Embeddings and Classical Features to Domain-specific Text Classification
Miriam Benballa, Sebastien Collet and Romain Picot-Clemente

SINAI at SemEval-2019 Task 5: Ensemble learning to detect hate speech against inmigrants and women in English and Spanish tweets
Flor Miriam Plaza del Arco, M. Dolores Molina González, Maite Martin and L. Alfonso Urena Lopez

SINAI-DL at SemEval-2019 Task 5: Recurrent networks and data augmentation by paraphrasing
Arturo Montejo-Ráez, Salud María Jiménez-Zafra, Miguel A. García-Cumbreras and Manuel Carlos Díaz-Galiano

sthruggle at SemEval-2019 Task 5: An Ensemble Approach to Hate Speech Detection
Aria Nourbakhsh, Frida Vermeer, Gijs Wiltvank and Rob van der Goot

The binary trio at SemEval-2019 Task 5: Multitarget Hate Speech Detection in Tweets
Patricia Chiril, Farah Benamara Zitoune, Véronique Moriceau and Abhishek Kumar

The Titans at SemEval-2019 Task 5: Detection of hate speech against immigrants and women in Twitter
Avishek Garain and Arpan Basu

TuEval at SemEval-2019 Task 5: LSTM Approach to Hate Speech Detection in English and Spanish
Mihai Manolescu, Denise Löfflad, Adham Nasser Mohamed Saber and Masoumeh Moradipour Tari

Tw-StAR at SemEval-2019 Task 5: N-gram embeddings for Hate Speech Detection in Multilingual Tweets
Hala Mulki, Chedi Bechikh Ali, Hatem Haddad and Ismail Babaoğlu

UA at SemEval-2019 Task 5: Setting A Strong Linear Baseline for Hate Speech Detection
Carlos Perelló, David Tomás, Alberto Garcia-Garcia, Jose Garcia-Rodriguez and Jose Camacho-Collados

UNBNLP at SemEval-2019 Task 5 and 6: Using Language Models to Detect Hate Speech and Offensive Language
Ali Hakimi Parizi, Milton King and Paul Cook

UTFPR at SemEval-2019 Task 5: Hate Speech Identification with Recurrent Neural Networks
Gustavo Henrique Paetzold, Marcos Zampieri and Shervin Malmasi

Vista.ue at SemEval-2019 Task 5: Single Multilingual Hate Speech Detection Model
Kashyap Raiyani, Teresa Gonçalves, Paulo Quaresma and Vitor Nogueira

YNU NLP at SemEval-2019 Task 5: Attention and Capsule Ensemble for Identifying Hate Speech
Bin Wang and Haiyan Ding

YNU_DYX at SemEval-2019 Task 5: A Stacked BiGRU Model Based on Capsule Network in Detection of Hate
Yunxia Ding, Xiaobing Zhou and Xuejie Zhang

Amrita School of Engineering - CSE at SemEval-2019 Task 6: Manipulating Attention with Temporal Convolutional Neural Network for Offense Identification and Classification
Murali Sridharan and Swapna TR

bhanodaig at SemEval-2019 Task 6: Categorizing Offensive Language in social media
Ritesh Kumar, Guggilla Bhanodai, Rajendra Pamula and Maheswara Reddy Chennuru

BNU-HKBU UIC NLP Team 2 at SemEval-2019 Task 6: Detecting Offensive Language Using BERT model
Zhenghao Wu, Hao Zheng, Jianming Wang, Weifeng Su and Jefferson Fong

CAMsterdam at SemEval-2019 Task 6: Neural and graph-based feature extraction for the identification of offensive tweets
Guy Aglionby, Chris Davis, Pushkar Mishra, Andrew Caines, Helen Yannakoudakis, Marek Rei, Ekaterina Shutova and Paula Buttery

CN-HIT-MI.T at SemEval-2019 Task 6: Offensive Language Identification Based on BiLSTM with Double Attention
Yaojie Zhang, Bing Xu and Tiejun Zhao

ConvAI at SemEval-2019 Task 6: Offensive Language Identification and Categorization with Perspective and BERT
John Pavlopoulos, Nithum Thain, Lucas Dixon and Ion Androutsopoulos

DA-LD-Hildesheim at SemEval-2019 Task 6: Tracking Offensive Content with Deep Learning using Shallow Representation
Sandip Modha, Prasenjit Majumder and Daksh Patel

DeepAnalyzer at SemEval-2019 Task 6: A deep learning-based ensemble method for identifying offensive tweets
Gretel Liz De la Peña and Paolo Rosso

NLP at SemEval-2019 Task 6: Detecting Offensive language using Neural Networks
Prashant Kapil, Asif Ekbal and Dipankar Das

Duluth at SemEval-2019 Task 6: Lexical Approaches to Identify and Categorize Offensive Tweets
Ted Pedersen

Emad at SemEval-2019 Task 6: Offensive Language Identification using Traditional Machine Learning and Deep Learning approaches
Emad Kebriaei, Samaneh Karimi, Nazanin Sabri and Azadeh Shakery

Embeddia at SemEval-2019 Task 6: Detecting Hate with Neural Network and Transfer Learning Approaches
Andraž Pelicon, Matej Martinc and Petra Kralj Novak

Fermi at SemEval-2019 Task 6: Identifying and Categorizing Offensive Language in Social Media using Sentence Embeddings
Vijayasaradhi Indurthi, Bakhtiyar Syed, Manish Shrivastava, Manish Gupta and Vasudeva Varma

Ghmerti at SemEval-2019 Task 6: A Deep Word- and Character-based Approach to Offensive Language Identification
Ehsan Doostmohammadi, Hossein Sameti and Ali Saffar

HAD-Tübingen at SemEval-2019 Task 6: Deep Learning Analysis of Offensive Language on Twitter: Identification and Categorization
Himanshu Bansal, Daniel Nagel and Anita Soloveva

HHU at SemEval-2019 Task 6: Context Does Matter - Tackling Offensive Language Identification and Categorization with ELMo
Alexander Oberstrass, Julia Romberg, Anke Stoll and Stefan Conrad

Hope at SemEval-2019 Task 6: Mining social media language to discover offensive language
Gabriel Florentin Patras, Diana Florina Lungu, Daniela Gifu and Diana Trandabat

INGEOTEC at SemEval-2019 Task 5 and Task 6: A Genetic Programming Approach for Text Classification
Mario Graff, Sabino Miranda-Jiménez, Eric Tellez and Daniela Alejandra Ochoa

JCTICOL at SemEval-2019 Task 6: Classifying Offensive Language in Social Media using Deep Learning Methods, Word/Character N-gram Features, and Preprocessing Methods
Yaakov HaCohen-Kerner, Ziv Ben-David, Gal Didi, Eli Cahn, Shalom Rochman and Elyashiv Shayovitz

jhan014 at SemEval-2019 Task 6: Identifying and Categorizing Offensive Language in Social Media
Jiahui Han, Shengtan Wu and Xinyu Liu

JTML at SemEval-2019 Task 6: Offensive Tweets Identification using Convolutional Neural Networks
Johnny Torres and Carmen Vaca

JU_ETCE_17_21 at SemEval-2019 Task 6: Efficient Machine Learning and Neural Network Approaches for Identifying and Categorizing Offensive Language in Tweets
Preeti Mukherjee, Mainak Pal, Somnath Banerjee and Sudip Kumar Naskar

KMI-Coling at SemEval-2019 Task 6: Exploring N-grams for Offensive Language detection
Priya Rani and Atul Kr. Ojha

LaSTUS/TALN at SemEval-2019 Task 6: Identification and Categorization of Offensive Language in Social Media with Attention-based Bi-LSTM model
Lutfiye Seda Mut Altin, Àlex Bravo Serrano and Horacio Saggion

LTL-UDE at SemEval-2019 Task 6: BERT and Two-Vote Classification for Categorizing Offensiveness
Piush Aggarwal, Tobias Horsmann, Michael Wojatzki and Torsten Zesch

MIDAS at SemEval-2019 Task 6: Identifying Offensive Posts and Targeted Offense from Twitter
Debanjan Mahata, Haimin Zhang, Karan Uppal, Yaman Kumar, Rajiv Ratn Shah, Simra Shahid, Laiba Mehnaz and Sarthak Anand

Nikolov-Radivchev at SemEval-2019 Task 6: Offensive Tweet Classification with BERT and Ensembles
Alex Nikolov and Victor Radivchev

NIT_Agartala_NLP_Team at SemEval-2019 Task 6: An Ensemble Approach to Identifying and Categorizing Offensive Language in Twitter Social Media Corpora
Steve Durairaj Swamy, Anupam Jamatia, Björn Gambäck and Amitava Das

NLP@UIOWA at SemEval-2019 Task 6: Classifying the Crass using Multi-windowed CNNs
Jonathan Rusert and Padmini Srinivasan

NLPR@SRPOL at SemEval-2019 Task 6 and Task 5: Linguistically enhanced deep learning offensive sentence classifier
Alessandro Seganti, Helena Sobol, Iryna Orlova, Hannam Kim, Jakub Staniszewski, Tymoteusz Krumholc and Krystian Koziel

nlpUP at SemEval-2019 Task 6: A Deep Neural Language Model for Offensive Language Detection
Jelena Mitrović, Bastian Birkeneder and Michael Granitzer

Pardeep at SemEval-2019 Task 6: Identifying and Categorizing Offensive Language in Social Media using Deep Learning
Pardeep Singh and Satish Chand

SINAI at SemEval-2019 Task 6: Incorporating lexicon knowledge into SVM learning to identify and categorize offensive language in social media
Flor Miriam Plaza del Arco, M. Dolores Molina González, Maite Martin and L. Alfonso Urena Lopez

SSN_NLP at SemEval-2019 Task 6: Offensive Language Identification in Social Media using Traditional and Deep Machine Learning Approaches
Thenmozhi D, Senthil Kumar B, Srinethe Sharavanan and Aravindan Chandrabose

Stop PropagHate at SemEval-2019 Tasks 5 and 6: Are abusive language classification results reproducible?
Paula Fortuna, Juan Soler-Company and Sérgio Nunes

TECHSSN at SemEval-2019 Task 6: Identifying and Categorizing Offensive Language in Tweets using Deep Neural Networks
Angel Suseelan, Rajalakshmi S, Logesh B, Harshini S, Geetika B, Dyaneswaran S, S Milton Rajendram and Mirnalinee T T

The Titans at SemEval-2019 Task 6: Offensive Language Identification, Categorization and Target Identification
Avishek Garain and Arpan Basu

TüKaSt at SemEval-2019 Task 6: Something Old, Something Neu(ral): Traditional and Neural Approaches to Offensive Text Classification
Madeeswaran Kannan and Lukas Stein

TUVD team at SemEval-2019 Task 6: Offense Target Identification
Elena Shushkevich, John Cardiff and Paolo Rosso

UBC-NLP at SemEval-2019 Task 6: Ensemble Learning of Offensive Content With Enhanced Training Data
Arun Rajendran, Chiyu Zhang and Muhammad Abdul-Mageed

UHH-LT at SemEval-2019 Task 6: Supervised vs. Unsupervised Transfer Learning for Offensive Language Detection
Gregor Wiedemann, Eugen Ruppert and Chris Biemann

UM-IU@LING at SemEval-2019 Task 6: Identifying Offensive Tweets Using BERT and SVMs
Jian Zhu, Zuoyu Tian and Sandra Kübler

USF at SemEval-2019 Task 6: Offensive Language Detection Using LSTM With Word Embeddings
Bharti Goel, Ravi Sharma and Sriram Chellappan

UTFPR at SemEval-2019 Task 6: Relying on Compositionality to Find Offense
Gustavo Henrique Paetzold

UVA Wahoos at SemEval-2019 Task 6: Hate Speech Identification using Ensemble Machine Learning
Murugesan Ramakrishnan, Wlodek Zadrozny and Narges Tabari

YNU-HPCC at SemEval-2019 Task 6: Identifying and Categorising Offensive Language on Twitter
Chengjin Zhou, Jin Wang and Xuejie Zhang

YNUWB at SemEval-2019 Task 6: K-max pooling CNN with average meta-embedding for identifying offensive language
Bin Wang, Xiaobing Zhou and Xuejie Zhang

Zeyad at SemEval-2019 Task 6: That's Offensive! An All-Out Search For An Ensemble To Identify And Categorize Offense in Tweets.
Zeyad El-Zanaty

Friday, June 7, 2019

09:00–09:30 ***SemEval 2020 Tasks***

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

10:30–11:00 ***Coffee***

11:00–12:30 ***Tasks 4, 7 and 8***

SemEval-2019 Task 4: Hyperpartisan News Detection
Johannes Kiesel, Maria Mestre, Rishabh Shukla, Emmanuel Vincent, Payam Adineh, David Corney, Benno Stein and Martin Potthast

Team Bertha von Suttner at SemEval-2019 Task 4: Hyperpartisan News Detection using ELMo Sentence Representation Convolutional Network
Ye Jiang, Johann Petrak, Xingyi Song, Kalina Bontcheva and Diana Maynard

SemEval-2019 Task 7: RumourEval, Determining Rumour Veracity and Support for Rumours
Genevieve Gorrell, Ahmet Aker, Kalina Bontcheva, Leon Derczynski, Elena Kochkina, Maria Liakata and Arkaitz Zubiaga

eventAI at SemEval-2019 Task 7: Rumor Detection on Social Media by Exploiting Content, User Credibility and Propagation Information
Quanzhi Li, Qiong Zhang and Luo Si

SemEval-2019 Task 8: Fact Checking in Community Question Answering Forums
Tsvetomila Mihaylova, Georgi Karadzhov, Pepa Atanasova, Ramy Baly, Mitra Mohtarami and Preslav Nakov

AUTOHOME-ORCA at SemEval-2019 Task 8: Application of BERT for Fact-Checking in Community Forums
Zhengwei Lv, Duoxing Liu, Haifeng Sun, Xiao Liang, Tao Lei, Zhizhong Shi, Feng Zhu and Lei Yang

12:30–14:00 ***Lunch***

14:00–15:30 ***Tasks 9, 10 and 12***

SemEval-2019 Task 9: Suggestion Mining from Online Reviews and Forums
Sapna Negi, Tobias Daudert and Paul Buitelaar

m_y at SemEval-2019 Task 9: Exploring BERT for Suggestion Mining
Masahiro Yamamoto and Toshiyuki Sekiya

SemEval-2019 Task 10: Math Question Answering
Mark Hopkins, Ronan Le Bras, Cristian Petrescu-Prahova, Gabriel Stanovsky, Hannaneh Hajishirzi and Rik Koncel-Kedziorski

AiFu at SemEval-2019 Task 10: A Symbolic and Sub-symbolic Integrated System for SAT Math Question Answering
Yifan Liu, Keyu Ding and Yi Zhou

SemEval-2019 Task 12: Toponym Resolution in Scientific Papers
Davy Weissenbacher, Arjun Magge, Karen O'Connor, Matthew Scotch and Graciela Gonzalez-Hernandez

DM_NLP at SemEval-2018 Task 12: A Pipeline System for Toponym Resolution
Xiaobin Wang, Chunping Ma, Huafei Zheng, Chu Liu, Pengjun Xie, Linlin Li and Luo Si

15:30–16:00 ***Coffee***

16:00–16:30 ***Discussion***

16:30–17:30 ***Poster Session***

Brenda Starr at SemEval-2019 Task 4: Hyperpartisan News Detection
Olga Papadopoulou, Giorgos Kordopatis-Zilos, Markos Zampoglou, Symeon Papadopoulos and Yiannis Kompatsiaris

Cardiff University at SemEval-2019 Task 4: Linguistic Features for Hyperpartisan News Detection
Carla Perez Almendros, Luis Espinosa Anke and Steven Schockaert

Clark Kent at SemEval-2019 Task 4: Stylometric Insights into Hyperpartisan News Detection
Viresh Gupta, Baani Leen Kaur Jolly, Ramneek Kaur and Tanmoy Chakraborty

Dick-Preston and Morbo at SemEval-2019 Task 4: Transfer Learning for Hyperpartisan News Detection
Tim Isbister and Fredrik Johansson

Doris Martin at SemEval-2019 Task 4: Hyperpartisan News Detection with Generic Semi-supervised Features
Rodrigo Agerri

Duluth at SemEval-2019 Task 4: The Pioquinto Manterola Hyperpartisan News Detector
Saptarshi Sengupta and Ted Pedersen

Fermi at SemEval-2019 Task 4: The sarah-jane-smith Hyperpartisan News Detector
Nikhil Chakravartula, Vijayasaradhi Indurthi and Bakhtiyar Syed

Harvey Mudd College at SemEval-2019 Task 4: The Carl Kolchak Hyperpartisan News Detector
Celena Chen, Celine Park, Jason Dwyer and Julie Medero

Harvey Mudd College at SemEval-2019 Task 4: The Clint Buchanan Hyperpartisan News Detector
Mehdi Drissi, Pedro Sandoval Segura, Vivaswat Ojha and Julie Medero

Harvey Mudd College at SemEval-2019 Task 4: The D.X. Beaumont Hyperpartisan News Detector
Evan Amason, Jake Palanker, Mary Clare Shen and Julie Medero

NLP@UIT at SemEval-2019 Task 4: The Paparazzo Hyperpartisan News Detector
Duc-Vu Nguyen, Thin Dang and Ngan Nguyen

Orwellian-times at SemEval-2019 Task 4: A Stylistic and Content-based Classifier
Jürgen Knauth

Rouletabille at SemEval-2019 Task 4: Neural Network Baseline for Identification of Hyperpartisan Publishers
Jose G. Moreno, Yoann Pitarch, Karen Pinel-Sauvagnat and Gilles Hubert

Spider-Jerusalem at SemEval-2019 Task 4: Hyperpartisan News Detection
Amal Alabdulkarim and Tariq Alhindi

Steve Martin at SemEval-2019 Task 4: Ensemble Learning Model for Detecting Hyperpartisan News
Youngjun Joo and Inchon Hwang

TakeLab at SemEval-2019 Task 4: Hyperpartisan News Detection
Niko Palić, Juraj Vladika, Dominik Čubelić, Ivan Lovrencic, Maja Buljan and Jan Šnajder

Team Fernando-Pessa at SemEval-2019 Task 4: Back to Basics in Hyperpartisan News Detection
André Cruz, Gil Rocha, Rui Sousa-Silva and Henrique Lopes Cardoso

Team Harry Friberg at SemEval-2019 Task 4: Identifying Hyperpartisan News through Editorially Defined Metatopics
Nazanin Afsarmanesh, Jussi Karlgren, Peter Sumbler and Nina Viereckel

Team Howard Beale at SemEval-2019 Task 4: Hyperpartisan News Detection with BERT
Osman Mutlu, Ozan Arkan Can and Erenay Dayanik

Team Jack Ryder at SemEval-2019 Task 4: Using BERT Representations for Detecting Hyperpartisan News
Daniel Shaprin, Giovanni Da San Martino, Alberto Barrón-Cedeño and Preslav Nakov

Team Kermit-the-frog at SemEval-2019 Task 4: Bias Detection Through Sentiment Analysis and Simple Linguistic Features
Talita Anthonio and Lennart Kloppenburg

Team Kit Kittredge at SemEval-2019 Task 4: LSTM Voting System
Rebekah Cramerus and Tatjana Scheffler

Team Ned Leeds at SemEval-2019 Task 4: Exploring Language Indicators of Hyperpartisan Reporting
Bozhidar Stevanoski and Sonja Gievska

Team Peter Brinkmann at SemEval-2019 Task 4: Detecting Biased News Articles Using Convolutional Neural Networks
Michael Färber, Agon Qurdina and Lule Ahmedi

Team Peter-Parker at SemEval-2019 Task 4: BERT-Based Method in Hyperpartisan News Detection
Zhiyuan Ning, Yuanzhen Lin and Ruichao Zhong

Team QCRI-MIT at SemEval-2019 Task 4: Propaganda Analysis Meets Hyperpartisan News Detection
Abdelrhman Saleh, Ramy Baly, Alberto Barrón-Cedeño, Giovanni Da San Martino, Mitra Mohtarami, Preslav Nakov and James Glass

Team Xenophilius Lovegood at SemEval-2019 Task 4: Hyperpartisanship Classification using Convolutional Neural Networks
Albin Zehe, Lena Hettinger, Stefan Ernst, Christian Hauptmann and Andreas Hotho

Team yeon-zi at SemEval-2019 Task 4: Hyperpartisan News Detection by De-noising Weakly-labeled Data
Nayeon Lee, Zihan Liu and Pascale Fung

The Sally Smedley Hyperpartisan News Detector at SemEval-2019 Task 4
Kazuaki Hanawa, Shota Sasaki, Hiroki Ouchi, Jun Suzuki and Kentaro Inui

Tintin at SemEval-2019 Task 4: Detecting Hyperpartisan News Article with only Simple Tokens
Yves Bestgen

Tom Jumbo-Grumbo at SemEval-2019 Task 4: Hyperpartisan News Detection with GloVe vectors and SVM
Chia-Lun Yeh, Babak Loni and Anne Schuth

UBC-NLP at SemEval-2019 Task 4: Hyperpartisan News Detection With Attention-Based Bi-LSTMs
Chiyu Zhang, Arun Rajendran and Muhammad Abdul-Mageed

Vernon-fenwick at SemEval-2019 Task 4: Hyperpartisan News Detection using Lexical and Semantic Features
Vertika Srivastava, Ankita Gupta, Divya Prakash, Sudeep Kumar Sahoo, Rohit R.R and Yeon Hyang Kim

AndrejJan at SemEval-2019 Task 7: A Fusion Approach for Exploring the Key Factors pertaining to Rumour Analysis
Andrej Janchevski and Sonja Gievska

BLCU_NLP at SemEval-2019 Task 7: An Inference Chain-based GPT Model for Rumour Evaluation
Ruoyao Yang, Wanying Xie, Chunhua Liu and Dong Yu

BUT-FIT at SemEval-2019 Task 7: Determining the Rumour Stance with Pre-Trained Deep Bidirectional Transformers
Martin Fajcik, Pavel Smrz and Lukas Burget

CLEARumor at SemEval-2019 Task 7: ConvoLving ELMo Against Rumors
Ipek Baris, Lukas Schmelzeisen and Steffen Staab

Columbia at SemEval-2019 Task 7: Multi-task Learning for Stance Classification and Rumour Verification
Zhuoran Liu, Shivali Goel, Mukund Yelahanka Raghuprasad and Smaranda Muresan

GWU NLP at SemEval-2019 Task 7: Hybrid Pipeline for Rumour Veracity and Stance Classification on Social Media
Sardar Hamidian and Mona Diab

SINAI-DL at SemEval-2019 Task 7: Data Augmentation and Temporal Expressions
Miguel A. García-Cumbreras, Salud María Jiménez-Zafra, Arturo Montejo-Ráez, Manuel Carlos Díaz-Galiano and Estela Saquete

UPV-28-UNITO at SemEval-2019 Task 7: Exploiting Post's Nesting and Syntax Information for Rumor Stance Classification
Bilal Ghanem, Alessandra Teresa Cignarella, Cristina Bosco, Paolo Rosso and Francisco Manuel Rangel Pardo

BLCU_NLP at SemEval-2019 Task 8: A Contextual Knowledge-enhanced GPT Model for Fact Checking
Wanying Xie, Mengxi Que, Ruoyao Yang, Chunhua Liu and Dong Yu

CodeForTheChange at SemEval-2019 Task 8: Skip-Thoughts for Fact Checking in Community Question Answering
Adithya Avvaru and Anupam Pandey

ColumbiaNLP at SemEval-2019 Task 8: The Answer is Language Model Fine-tuning
Tuhin Chakrabarty and Smaranda Muresan

DOMLIN at SemEval-2019 Task 8: Automated Fact Checking exploiting Ratings in Community Question Answering Forums
Dominik Stammbach, Stalin Varanasi and Guenter Neumann

DUTH at SemEval-2019 Task 8: Part-Of-Speech Features for Question Classification
Anastasios Bairaktaris, Symeon Symeonidis and Avi Arampatzis

Fermi at SemEval-2019 Task 8: An elementary but effective approach to Question Discernment in Community QA Forums
Bakhtiyar Syed, Vijayasaradhi Indurthi, Manish Shrivastava, Manish Gupta and Vasudeva Varma

SolomonLab at SemEval-2019 Task 8: Question Factuality and Answer Veracity Prediction in Community Forums
Ankita Gupta, Sudeep Kumar Sahoo, Divya Prakash, Rohit R.R, Vertika Srivastava and Yeon Hyang Kim

TMLab SRPOL at SemEval-2019 Task 8: Fact Checking in Community Question Answering Forums
Piotr Niewiński, Aleksander Wawer, Maria Pszona and Maria Janicka

TueFact at SemEval 2019 Task 8: Fact checking in community question answering forums: context matters
Reka Juhasz, Franziska-Barbara Linnenschmidt and Teslin Roys

YNU-HPCC at SemEval-2019 Task 8: Using A LSTM-Attention Model for Fact-Checking in Community Forums
Peng Liu, Jin Wang and Xuejie Zhang

DBMS-KU at SemEval-2019 Task 9: Exploring Machine Learning Approaches in Classifying Text as Suggestion or Non-Suggestion
Tirana Fatyanosa, Al Hafiz Akbar Maulana Siagian and Masayoshi Aritsugi

DS at SemEval-2019 Task 9: From Suggestion Mining with neural networks to adversarial cross-domain classification
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Hybrid RNN at SemEval-2019 Task 9: Blending Information Sources for Domain-Independent Suggestion Mining
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MIDAS at SemEval-2019 Task 9: Suggestion Mining from Online Reviews using ULMFit
Sarthak Anand, Debanjan Mahata, Kartik Aggarwal, Laiba Mehnaz, Simra Shahid, Haimin Zhang, Yaman Kumar, Rajiv Shah and Karan Uppal

NL-FIIT at SemEval-2019 Task 9: Neural Model Ensemble for Suggestion Mining
Samuel Pecar, Marian Simko and Maria Bielikova

NTUA-ISLab at SemEval-2019 Task 9: Mining Suggestions in the wild
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OleNet at SemEval-2019 Task 9: BERT based Multi-Perspective Models for Suggestion Mining
Jiaxiang Liu, Shuohuan Wang and Yu Sun

SSN-SPARKS at SemEval-2019 Task 9: Mining Suggestions from Online Reviews using Deep Learning Techniques on Augmented Data
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Suggestion Miner at SemEval-2019 Task 9: Suggestion Detection in Online Forum using Word Graph
Usman Ahmed, Humera Liaquat, Luqman Ahmed and Syed Jawad Hussain

Team Taurus at SemEval-2019 Task 9: Expert-informed pattern recognition for suggestion mining
Nelleke Oostdijk and Hans van Halteren

ThisIsCompetition at SemEval-2019 Task 9: BERT is unstable for out-of-domain samples
Cheoneum Park, Juae Kim, Hyeon-gu Lee, Reinald Kim Amplayo, Harksoo Kim, Jungyun Seo and Changki Lee

WUT at SemEval-2019 Task 9: Domain-Adversarial Neural Networks for Domain Adaptation in Suggestion Mining
Mateusz Klimaszewski and Piotr Andruszkiewicz

Yimmon at SemEval-2019 Task 9: Suggestion Mining with Hybrid Augmented Approaches
Yimeng Zhuang

YNU_DYX at SemEval-2019 Task 9: A Stacked BiLSTM for Suggestion Mining Classification
Yunxia Ding, Xiaobing Zhou and Xuejie Zhang

YNU-HPCC at SemEval-2019 Task 9: Using a BERT and CNN-BiLSTM-GRU Model for Suggestion Mining
Ping Yue, Jin Wang and Xuejie Zhang

Zoho at SemEval-2019 Task 9: Semi-supervised Domain Adaptation using Tri-training for Suggestion Mining
Sai Prasanna and Sri Ananda Seelan

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Qimin Zhou, Zhengxin Zhang, Hao Wu and Linmao Wang

ProblemSolver at SemEval-2019 Task 10: Sequence-to-Sequence Learning and Expression Trees
Xuefeng Luo, Alina Baranova and Jonas Biegert

RGCL-WLV at SemEval-2019 Task 12: Toponym Detection
Alistair Plum, Tharindu Ranasinghe, Pablo Calleja, Constantin Orasan and Ruslan Mitkov

THU_NGN at SemEval-2019 Task 12: Toponym Detection and Disambiguation on Scientific Papers
Tao Qi, Suyu Ge, Chuhan Wu, Yubo Chen and Yongfeng Huang

UNH at SemEval-2019 Task 12: Toponym Resolution in Scientific Papers
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UniMelb at SemEval-2019 Task 12: Multi-model combination for toponym resolution
Haonan Li, Minghan Wang, Timothy Baldwin, Martin Tomko and Maria Vasardani

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Vikas Yadav, Egoitz Laparra, Ti-Tai Wang, Mihai Surdeanu and Steven Bethard