

ACL 2019

**The 2019 Widening NLP Workshop**

**Program of the Workshop**

July 28, 2019  
Florence, Italy

**Gold Sponsors**



**Silver Sponsors**



**Bronze Sponsors**



Order copies of this and other ACL proceedings from:

Association for Computational Linguistics (ACL)  
209 N. Eighth Street  
Stroudsburg, PA 18360  
USA  
Tel: +1-570-476-8006  
Fax: +1-570-476-0860  
[acl@aclweb.org](mailto:acl@aclweb.org)

ISBN 978-1-950737-42-0

## Introduction

Welcome to 2019 Widening NLP Workshop!

In 2016, a select group of people met at ACL in Berlin to discuss the underrepresentation of women and other minorities in the Natural Language Processing community. The outcome of this was the first Workshop for Women and underrepresented minorities in NLP at ACL 2017: a workshop specifically dedicated to highlight the work of groups whose work is often overlooked. We are proud to continue this work with the 2019 Widening NLP workshop.

Every year, we strive to make the workshop more inclusive. After the 2017 iteration of WiNLP, we set up two submission deadlines, one for early submissions to accommodate those who need more time for visa applications, and a later deadline for those who do not have such concerns.

Following the success of the 2018 workshop, this year we sought to also highlight diversity in scientific background, discipline, training, obtained degrees and seniority. We also introduced a workshopping feature, where authors themselves opted in to give feedback to their fellow authors before the papers were sent out for review.

The 2019 workshop has already been a great success in that we received 110 submissions! Of these submissions 55% were by women as first authors, 62% were by people of color, 40% of all papers came from outside of North America and Europe. Turning our attention to the papers which were accepted, equally encouraging numbers come up: 70% of all accepted submission had women as their first authors, 75% of all accepted papers were by people of color, and 60% of the accepted papers came from outside of Europe and North America.

We are proud to have three great invited speakers - Drs. Emily M. Bender, Mona Diab and Alvin Grissom II, as well as four excellent panelists - Drs. Afra Alishahi, Layla El Asri, Francisco Guzman and Thamar Solorio.

We thus proudly present the 2019 Widening NLP workshop, and hope that you will enjoy the wonderful work of the authors, speakers, and panelists of this edition of the workshop.

Amittai, Diyi, Rossana, Samira, and Zeerak

**Organizers:**

Amitai Axelrod, DiDi AI Labs  
Diyi Yang, Carnegie Mellon University  
Rossana Cunha, Federal University of Minas Gerais  
Samira Shaikh, University of North Carolina at Charlotte  
Zeeraq Waseem, University of Sheffield

**Social Media Chairs:**

Erika Varis, Walt Disney Studios  
Kristen Johnson, Purdue University

**Sponsorship Volunteers:**

Ann Clifton, Spotify  
Ryan Georgi, University of Washington

**Program Committee:**

Gavin Abercrombie, University of Manchester  
Afra Alishahi, Tilburg University  
Fernando Alva-Manchego, University of Sheffield  
Hadi Amiri, Harvard University  
Gabor Angeli, Eloquent Labs  
Tania Avgustinova, Saarland University  
Amitai Axelrod, Didi Chuxing  
Niranjan Balasubramanian, Stony Brook University  
Timothy Baldwin, University of Melbourne  
Miguel Ballesteros, IBM Research AI  
Libby Barak, Rutgers University  
Maria Barrett, University of Copenhagen  
Emily M. Bender, University of Washington  
Taylor Berg-Kirkpatrick, University of California San Diego  
Frédéric Blain, University of Sheffield  
Houda Bouamor, Carnegie Mellon University  
Samuel R. Bowman, New York University  
Chloé Braud, LORIA - CNRS  
Chris Brew, Facebook  
Jose Camacho-Collados, Cardiff University  
Marie Candito, LLF  
Danqi Chen, Stanford University  
Zhuo Cheng, University of North Carolina Charlotte  
Colin Cherry, Google  
David Chiang, University of Notre Dame  
George Chrysostomou, University of Sheffield  
Ann Clifton, Spotify  
Shay B. Cohen, University of Edinburgh  
Marta R. Costa-jussà, Universitat Politècnica de Catalunya  
Ryan Cotterell, Johns Hopkins University

Rossana da Cunha Silva, Federal University of Minas Gerais  
Walter Daelemans, University of Antwerp, CLiPS  
Dipanjan Das, Google AI Language  
Hal Daumé III, University of Maryland  
Erika Doggett, Walt Disney Studios  
Esin Durmus, Cornell University  
Jacob Eisenstein, Georgia Institute of Technology  
Jason Eisner, Johns Hopkins University  
Hady Elsahar, Naver Labs Europe  
Luis Espinosa Anke, Cardiff University  
Ignatius Ezeani, Lancaster University  
Elisabetta Fersini, University of Milano-Bicocca  
Jennifer Foster, Dublin City University  
George Foster, Google  
Ryan Georgi, University of Washington  
Kevin Gimpel, Toyota Technological Institute at Chicago  
Erin Grant, UC Berkeley  
Ralph Grishman, New York University  
Jiang Guo, Massachusetts Institute of Technology  
Hannaneh Hajishirzi, University of Washington  
David Hall, Semantic Machines  
Hardy Hardy, University of Sheffield  
Mareike Hartmann, University of Copenhagen  
Lars Hellan, NTNU  
Julia Hockenmaier, University of Illinois Urbana-Champaign  
Dirk Hovy, Bocconi University  
Kristen Howell, University of Washington  
Naoya Inoue, Tohoku University  
Hitoshi Isahara, Toyohashi University of Technology  
Cassandra L. Jacobs, University of California, Davis  
Sneha Jha, Nuance Communications  
Kristiina Jokinen, AIRC, AIST  
David Jurgens, University of Michigan  
Huda Khayrallah, Johns Hopkins University  
Douwe Kiela, Facebook  
Kevin Knight, USC ISI  
Rebecca Knowles, Johns Hopkins University  
Philipp Koehn, Johns Hopkins University  
Rik Koncel-Kedziorski, University of Washington  
Valia Kordoni, Humboldt-Universität zu Berlin  
Lun-Wei Ku, Academia Sinica  
Ophélie Lacroix, Siteimprove  
Els Lefever, LT3, Ghent University  
Junhui Li, Soochow University, Suzhou  
Junyi Jessy Li, University of Texas at Austin  
Lucy H. Lin, University of Washington  
Diane Litman, University of Pittsburgh  
Yijia Liu, Harbin Institute of Technology  
Adam Lopez, University of Edinburgh  
Wei Lu, Singapore University of Technology and Design  
Nitin Madnani, Educational Testing Service

Mitchell Marcus, University of Pennsylvania  
Alex Marin, Microsoft Corporation  
James H. Martin, University of Colorado Boulder  
Héctor Martínez Alonso, Apple Inc.  
Arya D. McCarthy, Johns Hopkins University  
Kourosh Meshgi, Riken AIP/ Kyoto University  
Lisa Michaud, Aspect Software  
Sebastian J. Mielke, Johns Hopkins University  
Rada Mihalcea, University of Michigan  
Jean-Claude Miroir, Universidade de Brasília  
Taesun Moon, IBM Research  
Alessandro Moschitti, Amazon  
Nasrin Mostafazadeh, Elemental Cognition  
Aakanksha Naik, Carnegie Mellon University  
Nikita Nangia, New York University  
Mark Neumann, Allen Institute for Artificial Intelligence  
Joakim Nivre, Uppsala University  
Bill Noble, University of Gothenburg  
Debora Nozza, University of Milano-Bicocca  
Kemal Oflazer, Carnegie Mellon University in Qatar  
Eda Okur, Intel Labs  
Arturo Oncevay, The University of Edinburgh  
Gustavo Henrique Paetzold, Federal University of Technology  
Martha Palmer, University of Colorado  
Alexis Palmer, University of North Texas  
Patrick Pantel, Facebook  
Yannick Parmentier, University of Lorraine  
Roma Patel, Brown University  
Viviana Patti, University of Turin, Dipartimento di Informatica  
Amandalynne Paullada, University of Washington  
Ellie Pavlick, Brown University  
Nanyun Peng, University of Southern California  
Siyao Peng, Georgetown University  
Hoifung Poon, Microsoft Research  
Matthew Purver, Queen Mary University of London  
Valentina Pyatkin  
Dragomir Radev, Yale University  
Gabriela Ramirez-de-la-Rosa, Universidad Autónoma Metropolitana  
Philip Resnik, University of Maryland  
Ellen Riloff, University of Utah  
Melissa Robinson, University of North Texas  
Leanne Rolston, University of Washington Department of Linguistics  
Alexander Rush, Harvard University  
Neville Ryant, Linguistic Data Consortium  
Sashank Santhanam, University of North Carolina Charlotte  
Naomi Saphra, University of Edinburgh  
David Schlangen, Bielefeld University  
Alexandra Schofield, Cornell University  
Brandon Sepulvado, University of Notre Dame  
Karin Sim Smith, University of Sheffield  
Noah A. Smith, University of Washington

Alison Sneyd, University of Sheffield  
Marco Antonio Sobrevilla Cabezudo, University of São Paulo  
Thamar Solorio, University of Houston  
Richard Sproat  
Vivek Srikumar, University of Utah  
Mark Steedman, University of Edinburgh  
Amanda Stent, Bloomberg  
Emma Strubell, University of Massachusetts Amherst  
Madhumita Sushil, University of Antwerp  
Swabha Swayamdipta, Allen Institute for Artificial Intelligence; University of Washington  
Anders Søgaard, University of Copenhagen  
Jeniya Tabassum, Ohio State University  
Chenhao Tan, University of Colorado Boulder  
Christoph Teichmann, Bloomberg LP  
Joel Tetreault, Grammarly  
Christoph Tillmann, IBM Research  
Sara Tonelli, Facebook  
Elena Tutubalina, Kazan Federal University  
Shyam Upadhyay, University of Pennsylvania  
Antal van den Bosch, Radboud University Nijmegen  
Aline Villavicencio, University of Essex, UK  
Claudia Volpetti, Polytechnic University of Milan  
Ivan Vulić, University of Cambridge  
Bonnie Webber, University of Edinburgh  
Olga Zamaraeva, University of Washington  
Luke Zettlemoyer, University of Washington  
Haiyang Zhang, University of Sheffield

**Invited Speakers:**

Emily M. Bender, University of Washington  
Mona Diab, George Washington University  
Alvin Grissom II, Ursinus University

**Panelists:**

Afra Alishahi, Tilburg University  
Layla El Asri, Microsoft  
Franciso “Paco” Guzman, Facebook  
Thamar Solorio, University of Houston



## Table of Contents

*Development of a General Purpose Sentiment Lexicon for Igbo Language*

Emeka Ogbuju and Moses Onyesolu

*Towards a Resource Grammar for Runyankore and Rukiga*

David Bamutura and Peter Ljunglöf

*Speech Recognition for Tigrinya language Using Deep Neural Network Approach*

Hafta Abera and Sebsibe Hmariam

*Knowledge-Based Word Sense Disambiguation with Distributional Semantic Expansion*

Hossein Rouhizadeh, Mehrnoush Shamsfard and Masoud Rouhizadeh

*AspeRa: Aspect-based Rating Prediction Model*

Elena Tutubalina, Valentin Malykh, Sergey Nikolenko, Anton Alekseev and Ilya Shenbin

*Recognizing Arrow Of Time In The Short Stories*

Fahimeh Hosseini, Hosein Fooladi and Mohammad Reza Samsami

*Amharic Word Sequence Prediction*

Nuniyat Kifle

*A Framework for Relation Extraction Across Multiple Datasets in Multiple Domains*

Geeticka Chauhan, Matthew McDermott and Peter Szolovits

*Learning and Understanding Different Categories of Sexism Using Convolutional Neural Network's Filters*

Sima Sharifirad and Alon Jacovi

*Modeling Five Sentence Quality Representations by Finding Latent Spaces Produced with Deep Long Short-Memory Models*

Pablo Rivas

*English-Ethiopian Languages Statistical Machine Translation*

Solomon Teferra Abate, Michael Melese, Martha Yifiru Tachbelie, Million Meshesha, Solomon Atinafu, Wondwossen Mulugeta, Yaregal Assabie, Hafta Abera, Biniyam Ephrem, Tewodros Gebreselassie, Wondimagegnhue Tsegaye Tufa, Amanuel Lemma, Tsegaye Andargie and Seifedin Shifaw

*Towards Extending TED-Multilingual Discourse Bank: A discourse relation alignment experiment*

Sibel Ozer and Deniz Zeyrek

*The Design and Construction of the Corpus of China English*

Lixin Xia and Yun Xia

*Learning Trilingual Dictionaries for Urdu – Roman Urdu – English*

Moiz Rauf and Sebastian Padó

*Joint Inference on Bilingual Parse Trees for PP-attachment Disambiguation*

Geetanjali Rakshit

*Using Attention-based Bidirectional LSTM to Identify Different Categories of Offensive Language Directed Toward Female Celebrities*

Sima Sharifirad and Stan Matwin

*Sentiment Analysis Model for Opinionated Awngi Text: Case of Music Reviews*  
Melese Mihret and Muluneh Atinaf

*A compositional view of questions*  
Maria Boritchev and Maxime Amblard

*Controlling the Specificity of Clarification Question Generation*  
Yang Trista Cao, Sudha Rao and Hal Daumé III

*Non-Monotonic Sequential Text Generation*  
Kiante Brantley, Kyunghyun Cho, Hal Daumé and Sean Welleck

*Lipstick on a Pig: Debiasing Methods Cover up Systematic Gender Biases in Word Embeddings But do not Remove Them*  
Hila Gonen and Yoav Goldberg

*How does Grammatical Gender Affect Noun Representations in Gender-Marking Languages?*  
Hila Gonen, Yova Kementchedjhieva and Yoav Goldberg

*KaWAT: A Word Analogy Task Dataset for Indonesian*  
Kemal Kurniawan

*Automatic Product Categorization for Official Statistics*  
Andrea Roberson

*An Online Topic Modeling Framework with Topics Automatically Labeled*  
Jin Fenglei, Gao Cuiyun and Lyu Michael R.

*Construction and Alignment of Multilingual Entailment Graphs for Semantic Inference*  
Sabine Weber and Mark Steedman

*KB-NLG: From Knowledge Base to Natural Language Generation*  
Wen Cui, Minghui Zhou, Rongwen Zhao and Narges Norouz

*Acoustic Characterization of Singaporean Children's English: Comparisons to American and British Counterparts*  
Yuling Gu and Nancy Chen

*Rethinking Phonotactic Complexity*  
Tiago Pimentel, Brian Roark and Ryan Cotterell

*Implementing a Multi-lingual Chatbot for Positive Reinforcement in Young Learners*  
Francisca Oladipo and Abdulmalik Rufai

*A Deep Learning Approach to Language-independent Gender Prediction on Twitter*  
Reyhaneh Hashempour

*Isolating the Effects of Modeling Recursive Structures: A Case Study in Pronunciation Prediction of Chinese Characters*  
Minh Nguyen, Gia H Ngo and Nancy Chen

*Benchmarking Neural Machine Translation for Southern African Languages*  
Jade Abbott and Laura Martinus

*OCR Quality and NLP Preprocessing*  
Margot Mieskes and Stefan Schmunk

- Developing a Fine-grained Corpus for a Less-resourced Language: the case of Kurdish*  
Roshna Abdulrahman, Hossein Hassani and Sina Ahmadi
- Amharic Question Answering for Biography, Definition, and Description Questions*  
Tilahun Abedissa Taffa and Mulugeta Libsie
- Polysemous Language in Child Directed Speech*  
Sammy Floyd, Libby Barak, Adele Goldberg and Casey Lew-Williams
- Principled Frameworks for Evaluating Ethics in NLP Systems*  
Shrimai Prabhume, Elijah Mayfield and Alan W Black
- Understanding the Shades of Sexism in Popular TV Series*  
Nayeon Lee, Yejin Bang, Jamin Shin and Pascale Fung
- Evaluating Ways of Adapting Word Similarity*  
Libby Barak and Adele Goldberg
- Exploring the Use of Lexicons to aid Deep Learning towards the Detection of Abusive Language*  
Anna Koufakou and Jason Scott
- Entity-level Classification of Adverse Drug Reactions: a Comparison of Neural Network Models*  
Ilseyar Alimova and Elena Tutubalina
- Context Effects on Human Judgments of Similarity*  
Libby Barak, Noe Kong-Johnson and Adele Goldberg
- NLP Automation to Read Radiological Reports to Detect the Stage of Cancer Among Lung Cancer Patients*  
Khushbu Gupta
- Augmenting Named Entity Recognition Systems with Commonsense Knowledge*  
Gaith Dekhili, Tan Ngoc Le and Fatiha Sadat
- Pardon the Interruption: Automatic Analysis of Gender and Competitive Speech Overlap in United States Supreme Court Hearings*  
Haley Lepp
- Evaluating Coherence in Dialogue Systems using Entailment*  
Nouha Dziri, Ehsan Kamaloo, Kory Mathewson and Osmar Zaiane
- Exploiting machine algorithms in vocalic quantification of African English corpora*  
Lasisi Adeiza Isiaka
- Assessing the Ability of Neural Machine Translation Models to Perform Syntactic Rewriting*  
Jahkel Robin, Alvin Grissom II and Matthew Roselli
- Authorship Recognition with Short-Text using Graph-based Techniques*  
Laura Cruz
- A Parallel Corpus Mixtec-Spanish*  
Cynthia Montaña, Gerardo Sierra Martínez, Gemma Bel-Enguix and Helena Gomez
- Emoji Usage Across Platforms: A Case Study for the Charlottesville Event*  
Khyati Mahajan and Samira Shaikh

*Reading KITTY: Semitone Range as an Indicator of Reading Skill*  
Alfredo Gomez, Alicia Ngo, Alessandra Otondo and Julie Medero

*Adversarial Attack on Sentiment Classification*  
Yi-Ting (Alicia) Tsai, Min-Chu Yang and Han-Yu Chen

*CSI Peru News: finding the culprit, victim and location in news articles*  
Gina Bustamante and Arturo Oncevay

*Exploring Social Bias in Chatbots using Stereotype Knowledge*  
Nayeon Lee, Andrea Madotto and Pascale Fung

*Cross-Sentence Transformations in Text Simplification*  
Fernando Alva-Manchego, Carolina Scarton and Lucia Specia

# Workshop Program

Sunday, July 28, 2019

**8:15–08:45**    **Registration**

**8:45–10:30**    *Session 1: Opening and Posters*

8:45–9:00    *Opening Remarks*

9:00–9:45    *Keynote 1: Emily M. Bender*

**9:45–9:50**    *Short Break*

**9:50–10:30**    *Poster Session A*

*Development of a General Purpose Sentiment Lexicon for Igbo Language*  
Emeka Ogbuju and Moses Onyesolu

*Towards a Resource Grammar for Runyankore and Rukiga*  
David Bamutura and Peter Ljunglöf

*Speech Recognition for Tigrinya language Using Deep Neural Network Approach*  
Hafta Abera and Sebsibe H/mariam

*Knowledge-Based Word Sense Disambiguation with Distributional Semantic Expansion*  
Hossein Rouhizadeh, Mehrnoush Shamsfard and Masoud Rouhizadeh

*AspeRa: Aspect-based Rating Prediction Model*  
Elena Tutubalina, Valentin Malykh, Sergey Nikolenko, Anton Alekseev and Ilya Shenbin

*Recognizing Arrow Of Time In The Short Stories*  
Fahimeh Hosseini, Hosein Fooladi and Mohammad Reza Samsami

*Amharic Word Sequence Prediction*  
Nuniyat Kifle

*A Framework for Relation Extraction Across Multiple Datasets in Multiple Domains*  
Geeticka Chauhan, Matthew McDermott and Peter Szolovits

**Sunday, July 28, 2019 (continued)**

*Learning and Understanding Different Categories of Sexism Using Convolutional Neural Network's Filters*

sima sharifirad and Alon jacovi

*Modeling Five Sentence Quality Representations by Finding Latent Spaces Produced with Deep Long Short-Memory Models*

Pablo Rivas

*English-Ethiopian Languages Statistical Machine Translation*

Solomon Teferra Abate, Michael Melese, Martha Yifiru Tachbelie, Million Meshesha, Solomon Atinafu, Wondwossen Mulugeta, Yaregal Assabie, Hafte Abera, Biniyam Ephrem, Tewodros Gebreselassie, Wondimagegnhue Tsegaye Tufa, Amanuel Lemma, Tsegaye Andargie and Seifedin Shifaw

*An automatic discourse relation alignment experiment on TED-MDB*

Sibel Ozer and Deniz Zeyrek

*The Design and Construction of the Corpus of China English*

lixin xia and Yun Xia

*Learning Trilingual Dictionaries for Urdu – Roman Urdu – English*

Moiz Rauf and Sebastian Padó

*Joint Inference on Bilingual Parse Trees for PP-attachment Disambiguation*

Geetanjali Rakshit

*Using Attention-based Bidirectional LSTM to Identify Different Categories of Offensive Language Directed Toward Female Celebrities*

sima sharifirad and stan matwin

*Sentiment Analysis Model for Opinionated Awngi Text: Case of Music Reviews*

Melese Mihret and Muluneh Atinaf

**10:30–11:00 Break**

**Sunday, July 28, 2019 (continued)**

**11:00-12:30 Session 2: Poster Session**

**11:00–12:30 Poster Session B**

*A compositional view of questions*

Maria Boritchev and Maxime Amblard

*Controlling the Specificity of Clarification Question Generation*

Yang Trista Cao, Sudha Rao and Hal Daumé III

*Non-Monotonic Sequential Text Generation*

kiante brantley, Kyunghyun Cho, Hal Daumé and Sean Welleck

*Lipstick on a Pig: Debiasing Methods Cover up Systematic Gender Biases in Word Embeddings But do not Remove Them*

Hila Gonen and Yoav Goldberg

*How does Grammatical Gender Affect Noun Representations in Gender-Marking Languages?*

Hila Gonen, Yova Kementchedjhieva and Yoav Goldberg

*Automatic Product Categorization for Official Statistics*

Andrea Roberson

*An Online Topic Modeling Framework with Topics Automatically Labeled*

JIN Fenglei, Gao Cuiyun and Lyu Michael R.

*Construction and Alignment of Multilingual Entailment Graphs for Semantic Inference*

Sabine Weber and Mark Steedman

*KB-NLG: From Knowledge Base to Natural Language Generation*

Wen Cui, Minghui Zhou, Rongwen Zhao and Narges Norouzi

*Acoustic Characterization of Singaporean Children’s English: Comparisons to American and British Counterparts*

Yuling Gu and Nancy Chen

*Rethinking Phonotactic Complexity*

Tiago Pimentel, Brian Roark and Ryan Cotterell

**Sunday, July 28, 2019 (continued)**

*Implementing a Multi-lingual Chatbot for Positive Reinforcement in Young Learners*  
Francisca Oladipo and Abdulmalik Rufai

*A Deep Learning Approach to Language-independent Gender Prediction on Twitter*  
REYHANEH HASHEMPOUR

*Isolating the Effects of Modeling Recursive Structures: A Case Study in Pronunciation Prediction of Chinese Characters*  
Minh Nguyen, Gia H Ngo and Nancy Chen

*Benchmarking Neural Machine Translation for Southern African Languages*  
Jade Abbott and Laura Martinus

*OCR Quality and NLP Preprocessing*  
Margot Mieskes and Stefan Schmunk

*Developing a Fine-grained Corpus for a Less-resourced Language: the case of Kurdish*  
Roshna Abdulrahman, Hossein Hassani and Sina Ahmadi

*Amharic Question Answering for Biography, Definition, and Description Questions*  
Tilahun Abedissa Taffa and Mulugeta Libsie

*Polysemous Language in Child Directed Speech*  
Sammy Floyd, Libby Barak, Adele Goldberg and Casey Lew-Williams

*Principled Frameworks for Evaluating Ethics in NLP Systems*  
Shrimai Prabhumoye, Elijah Mayfield and Alan W Black

*Understanding the Shades of Sexism in Popular TV Series*  
Nayeon Lee, Yejin Bang, Jamin Shin and Pascale Fung

*Evaluating Ways of Adapting Word Similarity*  
Libby Barak and Adele Goldberg

*Exploring the Use of Lexicons to aid Deep Learning towards the Detection of Abusive Language*  
Anna Koufakou and Jason Scott



Sunday, July 28, 2019 (continued)

*Entity-level Classification of Adverse Drug Reactions: a Comparison of Neural Network Models*

Ilseyar Alimova and Elena Tutubalina

*Context Effects on Human Judgments of Similarity*

Libby Barak, Noe Kong-Johnson and Adele Goldberg

*NLP Automation to Read Radiological Reports to Detect the Stage of Cancer Among Lung Cancer Patients*

Khushbu Gupta, Ratchainant Thammasudjarit and Ammarin Thakkinstian

*Augmenting Named Entity Recognition with Commonsense Knowledge*

Gaith Dekhili, Tan Ngoc Le and Fatiha Sadat

*Pardon the Interruption: Automatic Analysis of Gender and Competitive Turn-Taking in United States Supreme Court Hearings*

Haley Lepp

*Evaluating Coherence in Dialogue Systems using Entailment*

Nouha Dziri, Ehsan Kamaloo, Kory Mathewson and Osmar Zaiane

*Exploiting machine algorithms in vocalic quantification of African English corpora*

Lasisi Adeiza Isiaka

*Assessing the Ability of Neural Machine Translation Models to Perform Syntactic Rewriting*

Jahkel Robin, Alvin Grissom II and Matthew Roselli

*Authorship Recognition with Short-Text using Graph-based Techniques*

Laura Cruz

*A Parallel Corpus Mixtec-Spanish*

Cynthia Montaña, Gerardo Sierra Martínez, Gemma Bel-Enguix and Helena Gomez

*Emoji Usage Across Platforms: A Case Study for the Charlottesville Event*

Khyati Mahajan and Samira Shaikh

**Sunday, July 28, 2019 (continued)**

*Reading KITTY: Pitch Range as an Indicator of Reading Skill*

Alfredo Gomez, Alicia Ngo, Alessandra Otondo and Julie Medero

*Adversarial Attack on Sentiment Classification*

Yi-Ting (Alicia) Tsai, Min-Chu Yang and Han-Yu Chen

*CSI Peru News: finding the culprit, victim and location in news articles*

Gina Bustamante and Arturo Oncevay

*Exploring Social Bias in Chatbots using Stereotype Knowledge*

Nayeon Lee, Andrea Madotto and Pascale Fung

*Cross-Sentence Transformations in Text Simplification*

Fernando Alva-Manchego, Carolina Scarton and Lucia Specia

**12:30–14:00** *Lunch*

**14:00–15:50** **Session 3**

14:00–14:45 *Keynote 2: Mona Diab*

14:45–15:30 *Panel Discussion*

**15:30–16:00** *Break*

**16:00–17:40** **Session 4**

16:00–16:45 *Keynote 3: Alvin Grissom II*

16:45–16:55 *Closing Remarks*

16:55–17:40 *Mentoring Session*