ACL 2019

The 4th Workshop on Representation Learning for NLP (RepL4NLP-2019)

Proceedings of the Workshop

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Sponsors:

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Introduction

The 4th Workshop on Representation Learning for NLP (RepL4NLP) will be hosted by ACL 2019 and held on 2 August 2019. The workshop is being organised by Isabelle Augenstein, Spandana Gella, Sebastian Ruder, Katharina Kann, Burcu Can, Alexis Conneau, Johannes Welbl, Xian Ren and Marek Rei; and advised by Kyunghyun Cho, Edward Grefenstette, Karl Moritz Hermann, Chris Dyer and Laura Rimell. The workshop is organised by the ACL Special Interest Group on Representation Learning (SIGREP) and receives generous sponsorship from Facebook AI Research, Amazon, and Naver.

The 4th Workshop on Representation Learning for NLP aims to continue the success of the 1st Workshop on Representation Learning for NLP (about 50 submissions and over 250 attendees; second most attended collocated event at ACL'16 after WMT), 2nd Workshop on Representation Learning for NLP and 3rd Workshop on Representation Learning for NLP. The workshop was introduced as a synthesis of several years of independent *CL workshops focusing on vector space models of meaning, compositionality, and the application of deep neural networks and spectral methods to NLP. It provides a forum for discussing recent advances on these topics, as well as future research directions in linguistically motivated vector-based models in NLP.

Organizers:

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Spandana Gella, Amazon AI
Katharina Kann, New York University
Marek Rei, University of Cambridge
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Sebastian Ruder, DeepMind
Johannes Welbl, University College London

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Chris Dyer, DeepMind
Edward Grefenstette, Facebook AI Research
Karl Moritz Hermann, DeepMind
Laura Rimell, DeepMind

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Wenpeng Yin, University of Pennsylvania
Luke Zettlemoyer, University of Washington
Wenxuan Zhou, University of Southern California
Diarmuid Ó Séaghdha, Apple
Robert Östling, Department of Linguistics, Stockholm University

Keynote Speakers:

Mohit Bansal, UNC Chapel Hill
Marco Baroni, Facebook AI Research
Raquel Fernandez, University of Amsterdam
Yulia Tsvetkov, Carnegie Mellon University

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09:30–09:45 Welcome and Opening Remarks

09:45–14:45 Keynote Session

09:45–10:30 *Invited Talk 1*
Marco Baroni

10:30–11:00 Coffee Break

11:00–11:45 *Invited Talk 2*
Mohit Bansal

11:45–12:30 *Invited Talk 3*
Raquel Fernández

12:30–14:00 Lunch

14:00–14:45 *Invited Talk 4*
Yulia Tsvetkov

14:45–15:00 Outstanding Papers Spotlight Presentations

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15:00–16:30 Poster Session (including Coffee Break from 15:30-16:00) + Drinks Reception

Deep Generalized Canonical Correlation Analysis
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CBOW Is Not All You Need: Combining CBOW with the Compositional Matrix Space Model
Florian Mai, Lukas Galke and Ansgar Scherp

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16:30–17:30 Panel Discussion

17:30–17:40 Closing Remarks + Best Paper Awards Announcement