

ACL 2018

**The 56th Annual Meeting of the  
Association for Computational Linguistics**

**Proceedings of the Conference  
Tutorial Abstracts**

July 15 - 20, 2018  
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## Message from the Tutorial Chairs

This volume contains the abstracts of the ACL 2018 tutorials. Tutorials were selected from 49 submissions to a joint call, which was coordinated with NAACL, COLING, and EMNLP. From these submissions, eight half-day tutorials were selected for ACL, on the criteria of quality, relevance, interest, and balance. We thank Mausam for coordinating this process across all four conferences, and we wish to acknowledge support from the publications chairs Kevin Gimpel, Shay Cohen, and Wei Lu (ACL publications chairs) and Jey Han Lau and Trevor Cohn (ACL handbook chairs), as well as Stephanie Lukin (NAACL publications co-chair). Most importantly, we thank the tutorial presenters for their contributions, which we hope that you will enjoy.

ACL 2018 Tutorial Chairs  
Yoav Artzi, Cornell University  
Jacob Eisenstein, Georgia Institute of Technology



**Tutorial Chairs:**

Yoav Artzi, Cornell University

Jacob Eisenstein, Georgia Institute of Technology



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# Conference Program

**Sunday, July 15, 2018**

**09:00–12:30**

*100 Things You Always Wanted to Know about Semantics & Pragmatics But Were Afraid to Ask*  
Emily M. Bender

**09:00–12:30**

*Neural Approaches to Conversational AI*  
Jianfeng Gao, Michel Galley and Lihong Li

**09:00–12:30**

*Variational Inference and Deep Generative Models*  
Wilker Aziz and Philip Schulz

**09:00–12:30**

*Connecting Language and Vision to Actions*  
Peter Anderson, Abhishek Das and Qi Wu

**Sunday, July 15, 2018 (continued)**

**13:30–17:00**

*Beyond Multiword Expressions: Processing Idioms and Metaphors*

Valia Kordoni

**13:30–17:00**

*Neural Semantic Parsing*

Matt Gardner, Pradeep Dasigi, Srinivasan Iyer, Alane Suhr and Luke Zettlemoyer

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*Deep Reinforcement Learning for NLP*

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*Multi-lingual Entity Discovery and Linking*

Avi Sil, Heng Ji, Dan Roth and Silviu-Petru Cucerzan