

NAACL-HLT 2021

**The 2021 Conference
of the North American Chapter
of the Association for Computational Linguistics:
Human Language Technologies**

Tutorials

June 6, 2021

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Introduction

Welcome to the Tutorials Session of NAACL HLT 2021.

The NAACL 2021 tutorials session is organized to give conference attendees a comprehensive introduction from expert researchers to a topic of importance drawn from our research field. This year, the tutorials committee consisted of tutorials chairs from four conferences: EACL, NAACL, ACL-IJCNLP and EMNLP. A total of 35 tutorial submissions were received, of which 6 were selected for presentation at NAACL 2021. The tutorials selected this year are on topics ranging from transformers to crowdsourcing. We would like to thank Kristina Toutanova (NAACL general chair), and Steven Bethard (NAACL publications chair) for their help during the process. We hope you enjoy the tutorials.

NAACL 2021 Tutorial Co-chairs

Greg Kondrak, University of Alberta

Kalina Bontcheva, University of Sheffield

Dan Gillick, Google Research

Tutorial Chairs

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Conference Program

6 Jun 2021 (all times PDT, UTC-7)

- 08:00–12:00 *Pretrained Transformers for Text Ranking: BERT and Beyond*
Andrew Yates, Rodrigo Nogueira and Jimmy Lin
- 08:00–12:00 *Fine-grained Interpretation and Causation Analysis in Deep NLP Models*
Hassan Sajjad, Narine Kokhlikyan, Fahim Dalvi and Nadir Durrani
- 08:00–12:00 *Deep Learning on Graphs for Natural Language Processing*
Lingfei Wu, Yu Chen, Heng Ji and Yunyao Li
- 08:00–12:00 *A Tutorial on Evaluation Metrics used in Natural Language Generation*
Mitesh M. Khapra and Ananya B. Sai
- 08:00–12:00 *Beyond Paragraphs: NLP for Long Sequences*
Iz Beltagy, Arman Cohan, Hannaneh Hajishirzi, Sewon Min and Matthew Peters
- 16:00–20:00 *Crowdsourcing Natural Language Data at Scale: A Hands-On Tutorial*
Alexey Drutsa, Dmitry Ustalov, Valentina Fedorova, Olga Megorskaya and Daria Baidakova

