The 2019 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies

Tutorial Abstracts

June 2 2019
Minneapolis, Minnesota
Introduction

Welcome to the Tutorials Session of NAACL HLT 2019 in Minneapolis, MN, USA.

The NAACL-HLT tutorials session is organized to give conference attendees a comprehensive introduction to a topic of importance drawn from our rapidly growing and changing research field from expert researchers.

This year, as has been the tradition over the past few years, the tutorials committee comprised of tutorials chairs from three conferences: ACL, EMNLP-IJCNLP and NAACL-HLT. A total of 46 tutorial submissions were received, of which 6 were selected for presentation at NAACL-HLT 2019.

The tutorials selected this year are a mix of different topics: from cutting-edge machine learning applied to NLP and emerging applications of NLP to new applications like clinical NLP, to the use of NLP in modeling sociolinguistics and language processing in humans. We hope you find this offering of tutorials compelling, in-depth, instructive and inspiring to your research.

We would like to thank Jill Burstein (NAACL general chair), Nitin Madnani (NAACL website chair), Stephanie Lukin and Alla Roskovskaya (NAACL publications chairs), and Priscilla Rasmussen (local arrangement chair) for their help during the whole process. We also want to extend our sincere gratitude to the other conferences’ tutorial chairs who jointly helped with reviewing for all the tutorial submissions: Preslav Nakov and Alexis Palmer (ACL), Tim Baldwin and Marine Carpuat (EMNLP-IJCNLP).

We hope you enjoy the tutorials.

NAACL 2019 Tutorial Co-chairs
Anoop Sarkar
Michael Strube
NAACL HLT Organizers

General Chair
    Jill Burstein, Educational Testing Service, USA

Program Co-Chairs:
    Christy Doran, Interactions LLC, USA
    Thamar Solorio, University of Houston, USA

Tutorials Committee:
    Anoop Sarkar, Simon Fraser University, Canada
    Michael Strube, Heidelberg Institute for Theoretical Studies, Germany
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Conference Program

Sunday, June 2, 2019

07:30–09:00  Breakfast

09:00–12:30  Morning Session

Deep Adversarial Learning for NLP
William Yang Wang, Sameer Singh and Jiwei Li

Deep Learning for Natural Language Inference
Samuel Bowman and Xiaodan Zhu

Measuring and Modeling Language Change
Jacob Eisenstein

10:30–11:00  Morning Break

12:30–14:00  Lunch

14:00–17:30  Afternoon Session

Transfer Learning in Natural Language Processing
Sebastian Ruder, Matthew E. Peters, Swabha Swayamdipta and Thomas Wolf

Language Learning and Processing in People and Machines
Aida Nematzadeh, Richard Futrell and Roger Levy

Applications of Natural Language Processing in Clinical Research and Practice
Yanshan Wang, Ahmad Tafti, Sunghwan Sohn and Rui Zhang

15:30–16:00  Afternoon Break