

COLING 2020

**The 28th International Conference on
Computational Linguistics**

Tutorial Abstracts

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Introduction

Welcome to the Tutorials Session of COLING 2020.

The COLING tutorials session is organised to give conference attendees a comprehensive introduction by expert researchers to some topics of importance drawn from our rapidly growing and changing research field.

This year, the call, submission, reviewing and selection of tutorials were coordinated jointly for multiple conferences: ACL, ACL-IJCNLP, COLING and EMNLP. We formed a review committee of 19 members, including the ACL tutorial chairs (Agata Savary and Yue Zhang), the EMNLP tutorial chairs (Benjamin van Durme and Aline Villavicencio), the COLING tutorial chairs (Daniel Beck and Lucia Specia), the ACL-IJCNLP tutorial chairs (Timothy Baldwin and Fei Xia) and 11 external reviewers (Emily Bender, Erik Cambria, Gaël Dias, Stefan Evert, Yang Liu, João Sedoc, Xu Sun, Yulia Tsvetkov, Taro Watanabe, Aaron Steven White and Meishan Zhang). Each proposal received at least three reviews, and the selection criteria included clarity, preparedness, novelty, timeliness, instructors' experience, likely audience, open access to the teaching materials, diversity (multilingualism, gender, age and geolocation) and the compatibility of preferred venues. A total of 43 tutorial submissions were received, of which seven were selected for presentation at COLING.

We solicited two types of tutorials to cover cutting-edge themes as well as introductory themes. The seven tutorials selected for COLING include three introductory and four cutting-edge topics. The introductory tutorials are dedicated to cross-lingual semantic representations, grammatical error correction and embeddings for NLP. The cutting-edge tutorials address the topics of multilingual neural machine translation, detection of rumours and misinformation, modelling of endangered languages and novel datasets for question answering, natural language inference and commonsense reasoning.

We would like to thank the tutorial authors for their contributions and flexibility while organising the conference virtually. We are also grateful to the 11 external reviewers for their valuable help in the decision process. Finally, our thanks go to the conference organisers for effective collaboration, and in particular to the general chair Donia Scott and the website chairs Laura Pérez-Mayos and Amita Misra.

We hope you enjoy the tutorials.

COLING 2020 Tutorial Co-chairs

Lucia Specia

Daniel Beck

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