

ACL 2022

**The 60th Annual Meeting of the Association for  
Computational Linguistics**

**Tutorial Abstracts**

May 22-27, 2022

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209 N. Eighth Street  
Stroudsburg, PA 18360  
USA  
Tel: +1-570-476-8006  
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[acl@aclweb.org](mailto:acl@aclweb.org)

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# Introduction

Welcome to the Tutorials Session of ACL 2022.

The ACL tutorials session is organized 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, as has been the tradition over the past few years, the call, submission, reviewing and selection of tutorials were coordinated jointly for multiple conferences: ACL, NAACL, COLING and EMNLP. We formed a review committee of 34 members, including the ACL tutorial chairs (Luciana Benotti (then), Naoaki Okazaki, and Marcos Zampieri), the NAACL tutorial chairs (Cecilia O. Alm, Yulia Tsetkov, and Miguel Ballesteros), the COLING tutorial chairs (Heng Ji, Hsin-Hsi Chen, and Lucia Donatelli), the EMNLP tutorial chairs (Samhaa R. El-Beltagy and Xipeng Qiu), and 23 external reviewers (see Program Committee for the full list). A reviewing process was organised so that each proposal received 3 reviews. The selection criteria included clarity and preparedness, novelty or timely character of the topic, instructors' experience, likely audience interest, open access of the tutorial instructional material, and diversity and inclusion. A total of 47 tutorial submissions were received, of which 8 were selected for presentation at ACL.

We solicited two types of tutorials, namely cutting-edge themes and introductory themes. The 8 tutorials for ACL include 2 introductory tutorials and 6 cutting-edge tutorials. The introductory tutorials are dedicated to deep neural networks and reproducibility in NLP. The cutting-edge discussions address knowledge-augmented methods, non-autoregressive sequence generation, learning with limited data, zero- and few-shot learning with pretrained language models, vision-language pretraining, and multi-lingual task-oriented dialogue.

We would like to thank the tutorial authors for their contributions and flexibility while organising the conference in the hybrid mode. We are also grateful to the 23 external reviewers for their generous help in the decision process. Our thanks go to the conference organizers for effective collaboration, and in particular to the general chair Bernardo Magnini, the publication chair Danilo Croce, the handbook chair Marco Polignano, and the authors of `aclpub2`. Finally, special thanks go to Luciana Benotti, who worked hard as a tutorial chair of ACL especially maintaining the reviewing process (including the administrative work with OpenReview) but later resigned from this position when she was elected to the NAACL executive board as the NAACL chair for 2022.

We hope you enjoy the tutorials.

ACL 2022 Tutorial Co-chairs  
Luciana Benotti (until Jan 2022)  
Naoaki Okazaki  
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