

EMNLP 2024

**The 2024 Conference on Empirical Methods
in Natural Language Processing**

Tutorial Abstracts

November 12–16, 2024

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Introduction

Welcome to the Tutorial Session of EMNLP 2024!

As the field of NLP continues to evolve, this year's tutorials at EMNLP 2024 will give the audience comprehensive introductions of six exciting topics by experts in these areas: natural language explanations, offensive speech, human-centered evaluation, AI for science, agents, and enhancing capabilities of LLMs.

As in recent years, the process of calling for, submitting, reviewing, and selecting tutorials was a collaborative effort across ACL, EACL, NAACL, and EMNLP. Each tutorial proposal was meticulously reviewed by a panel of three reviewers, who assessed them based on criteria such as clarity, preparedness, novelty, timeliness, instructors' experience, potential audience, open access to teaching materials, and diversity (including multilingualism, gender, age, and geolocation). A total of six tutorials covering the aforementioned topics were selected for EMNLP.

We would like to thank the tutorial authors for their contributions, the tutorial chairs across conferences for this coordinated effort, as well as the EMNLP conference organizers, especially the general chair Thamar Solorio.

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Program

Friday, November 15

- 09:00–12:30 *Enhancing LLM Capabilities Beyond Scaling Up*
Wenpeng Yin, Muhao Chen, Rui Zhang, Ben Zhou, Fei Wang and Dan Roth
- 09:00–12:30 *Countering Hateful and Offensive Speech Online - Open Challenges*
Leon Derczynski, Marco Guerini, Debora Nozza, Flor Miriam Plaza-del-Arco, Jeffrey Sorensen and Marcos Zampieri
- 14:00–17:30 *Language Agents: Foundations, Prospects, and Risks*
Yu Su, Diyi Yang, Shunyu Yao and Tao Yu
- 14:00–17:30 *Introductory Tutorial: Reasoning with Natural Language Explanations*
Marco Valentino and André Freitas

Saturday, November 16

- 09:00–12:30 *AI for Science in the Era of Large Language Models*
Zhenyu Bi, Minghao Xu, Jian Tang and Xuan Wang
- 14:00–17:30 *Human-Centered Evaluation of Language Technologies*
Su Lin Blodgett, Jackie Chi Kit Cheung, Vera Liao and Ziang Xiao