

# Proceedings of the 36th Conference on Computational Linguistics and Speech Processing (ROCLING 2024)

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Shu-Chuan Tseng, Yu Tsao, Hen-Hsen Huang, Yao-Chung Fan, and Chia-Hui Chang (eds.)

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## Preface by the General Co-Chairs of ROCLING 2024

It is our great pleasure to welcome you to the 36th Conference on Computational Linguistics and Speech Processing (ROCLING 2024), the annual conference of the Association for Computational Linguistics and Chinese Language Processing (ACLCLP). For more than three decades, ROCLING has been a vibrant gathering place for researchers and practitioners in natural language processing and speech processing, advancing both fundamental theories and real-world applications.

This year, ROCLING returns to Academia Sinica in Taipei, Taiwan, from November 4 to 5, 2024. Academia Sinica has had the honor of hosting this conference on several occasions in the past—in 1989, 1993, 1997, 2004, and 2017—and we are delighted to welcome you back once again. It is truly special for us to continue this tradition of bringing together our community in this historic venue.

The program for ROCLING 2024 is rich and diverse. We are especially honored to feature keynote speeches by two internationally renowned scholars: Prof. Eduard Hovy (Carnegie Mellon University) and Prof. Heng Ji (University of Illinois Urbana-Champaign). Their contributions to computational linguistics and artificial intelligence have inspired researchers worldwide, and we are privileged to have them share their insights with us this year. In addition, the conference will showcase high-quality oral papers rigorously selected through peer review, as well as presentations of the TAIDE project. Together, these elements highlight both the depth of foundational research and the breadth of practical innovation in our field.

In recent years, the field has been transformed by the rise of large language models (LLMs). Their ability to engage in fluent dialogue, provide responsive interactions, and demonstrate comprehension has captured the imagination of both the research community and the public at large. Against this dynamic backdrop, ROCLING 2024 offers a timely opportunity for experts, scholars, and practitioners to explore the evolving landscape of computational linguistics and speech technologies, and to exchange ideas that will shape the next chapter of our field.

We would like to express our heartfelt gratitude to Program Chair Yao-Chung Fan (National Chung Hsing University) and Keynote Chair Chia-Hui Chang (National Central University) for their invaluable leadership and dedication. We are also deeply grateful to the program committee, reviewers, and the entire organizing team for their tireless efforts, as well as to all the authors and participants whose contributions make this conference possible.

We extend our sincere appreciation to our sponsors, whose generous support has been instrumental in making ROCLING 2024 a reality: Tagtoo Co., Ltd., Institute of Information Science (Academia Sinica), Research Center

for Information Technology Innovation (Academia Sinica), Industrial Technology Research Institute, Delta Electronics, eLAND Information Co., Ltd., Chunghwa Telecom, Cyberon Corporation, and the TAIDE Project.

Most importantly, we thank you, the members of our community, for bringing your passion, curiosity, and energy to ROCLING 2024.

General Co-Chairs of ROCLING 2024

*Shu-Chuan Tseng*, Academia Sinica, Taipei, Taiwan

*Yu Tsao*, Academia Sinica, Taipei, Taiwan

*Hen-Hsen Huang*, Academia Sinica, Taipei, Taiwan

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