No.: 2023-005

Subject: Call for Papers _ROCLING 2023

ROCLING 2023 Call for Papers

https://rocling2023.github.io/

We are excited to announce that the 35th annual Conference on Computational Linguistics and Speech Processing (ROCLING 2023) will be held in Soochow University, Taipei city, Taiwan from October 20-21, 2023. Sponsored by the Association for Computational Linguistics and Chinese Language Processing (ACLCLP), ROCLING 2023 aims to provide an international forum for researchers and industry practitioners to exchange ideas, present original research findings and share practical development experiences from all areas of language and speech research. ROCLING 2023 will feature a range of activities, including oral papers, posters, tutorials, special sessions and shared tasks. The conference covers all language and speech research areas, such as computational linguistics, information understanding and signal processing, and focuses on two scientific tracks: natural language processing (NLP) and speech processing (Speech). The conference is open to papers written in both Chinese and English and encourages researchers and practitioners from around the world to submit their work.

Important Dates

- **Paper Submission Due: August 11, 2023**
- Notification of acceptance: September 8, 2023
- Camera-ready due: September 15, 2023
- Early Registration ends: September 15, 2023
- Late Registration ends: October 6, 2023
- On-Site Registration: October 20 - 21, 2023
- Conference Date: October 20 - 21, 2023

All deadlines are 11:59 pm UTC/GMT +08:00 (Asia/Taipei)

Relevant Topics

ROCLING 2023 mainly targets two scientific tracks: natural language processing and speech processing. The generative artificial intelligence topic is also welcomed.

Natural Language Processing	Speech Processing
• Cognitive/Psychological Linguistics	• Speech Perception, Production and Acquisition
• Discourse and Pragmatics	• Phonetics, Phonology and Prosody
• Dialogue System	• Analysis of Paralinguistics in Speech and Language
• Information Extraction	• Speaker and Language Identification
• Information Retrieval	• Analysis of Speech and Audio Signals
• Language Generation	• Speech Coding and Enhancement
• Machine Translation	• Speech Synthesis and Spoken Language Generation
• NLP Applications	• Speech Recognition
• Phonology, Morphology and Word Segmentation	• Spoken Dialog Systems and Analysis of Conversation
• Question Answering	• Spoken Language Processing: Retrieval, Translation, Summarization, Resources and Evaluation
• Resources and Evaluation	• Others
• Semantics: Lexical, Sentence-Level, Textual Inference	
• Sentiment Analysis	
• Summarization	
• Syntax: Tagging, Chunking and Parsing	
• Others	

Paper Submission

ROCLING 2023 invites paper submissions reporting original research results and system development experiences as well as real-world applications. Each submission will be reviewed based on originality, significance, technical soundness, and relevance to the conference. Accepted papers will be presented orally or as poster presentations. Both oral and poster presentations will be published in the ROCLING 2023 conference proceedings and included in the ACL Anthology. A number of papers will be selected and invited for extension into journal versions and publication in a special issue of the International Journal of Computational Linguistics and Chinese Language Processing (IJCLCLP).

Papers can be written and presented in either Chinese or English. Papers should be made in PDF format and submitted online through the paper submission system. Submitted papers may consist of 4-8 pages of content, plus unlimited references. Upon acceptance, final versions will be given additional pages of content (up to 9 pages) so that reviewers' comments can be taken into account. Paper submissions must use the official ROCLING 2023 style <u>templates</u> (Latex and Word). Submission is electronic, using the EasyChair conference management system. The submission site is available at <u>https://easychair.org/conferences/?conf=rocling2023</u>.

As the reviewing will be double-blind, papers must not include authors' names and affiliations. Furthermore, self-references that reveal the author's identity must be avoided. Papers that do not conform to these requirements will be rejected without review. Papers may be accompanied by a resource (software and/or data) described in the paper, but these resources should be anonymized as well.

Shared Tasks

- ROCLING 2023 MultiNER-Health Shared Task: Chinese Multi-genre Named Entity Recognition in the Healthcare Domain
- Formosa Speech Recognition Challenge 2023 (Hakka ASR)

AI Tutorial

- ROCLING 2023 MultiNER-Health Shared Task: Chinese Multi-genre Named Entity Recognition in the Healthcare Domain

Contact Information

Contact Us: <u>rocling2023@gmail.com</u>