

RANLPStud 2023

**Proceedings of the  
8th Student Research Workshop**

*associated with*

**The 14th International Conference on  
Recent Advances in Natural Language Processing  
RANLP'2023**

4–6 September, 2023

STUDENT RESEARCH WORKSHOP  
ASSOCIATED WITH THE INTERNATIONAL CONFERENCE  
RECENT ADVANCES IN  
NATURAL LANGUAGE PROCESSING'2023

**PROCEEDINGS**

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## Preface

The RANLP 2023 Student Research Workshop (RANLPStud'23) is a special track of the established international conference Recent Advances in Natural Language Processing (RANLP'23).

The RANLPStud is being organised for the 8<sup>th</sup> time and this year is running in parallel with the other tracks of the main RANLP 2023 conference. The target of RANLPStud'23 is to be a discussion forum and provide an outstanding opportunity for students at all levels (Bachelor, Masters, and Ph.D.) to present their work in progress or completed projects to an international research audience and receive feedback from senior researchers.

The RANLPStud'23 received a good number of submissions, this year fifteen (15) papers were submitted to the event coming from Asia, The Americas (North and South) and Europe, a fact which was reflecting the great number of events, sponsors, submissions, and participants at the main RANLP conference.

We have accepted 5 excellent student papers for oral presentations, one of them has received the Best Paper Award and 7 submissions are presented as posters.

We did our best to make the reviewing process in the interest of our authors, by asking our reviewers to give as exhaustive comments and suggestions as possible, as well as to maintain an encouraging attitude. Each student submission was reviewed by at least two Programme Committee members, who are specialists in their field and were carefully selected to match the submission's topic.

This year, as usual, we invited both strictly Natural Language Processing (NLP) papers, and submissions at the borderline between two sciences (but bearing contributions to NLP).

The topics of the accepted submissions include: Computational Social Science and Social Media; Computer-aided Language Learning; Dialogue and Interactive Systems; Discourse and Pragmatics; Ethics and NLP; Information Extraction; Information Retrieval and Text Mining; Intent Recognition and Detection; Interpretability and Analysis of Models for NLP; Language and Vision; Language Generation; Language Resources and Corpora; Linguistic Theories; Machine Translation and Computer-aided Translation Tools; Multilingual NLP; Multimodal Systems; NLP Applications – Biomedical, Educational, Healthcare, Financial, Legal, Semantic Web, etc.; Opinion Mining and Sentiment Analysis; Phonetics, Phonology, and Morphology; Question Answering; Semantics; Stylistic Analysis; Sublanguages and Controlled languages; Syntax: Tagging, Chunking, and Parsing; Temporal Processing; Text Categorization; Text Simplification and Readability Estimation; Text Summarisation; Text-to-Speech Synthesis and Speech Recognition; Textual Entailment.

We are thankful to the members of the Programme Committee for having provided such exhaustive reviews and even accepting additional reviews, and to the conference mentors, who provided additional comments to participants.

The RANLPStud 2023 Organisers

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Boris Velichkov, FMI, Sofia University "St. Kliment Ohridski", Bulgaria

Ivelina Nikolova-Koleva, IICT, Bulgarian Academy of Sciences, and Ontotext, Bulgaria

Milena Slavcheva, IICT, Bulgarian Academy of Sciences, Bulgaria



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