

Proceedings of the International Workshop on Computational Models in Language and Speech (CMLS 2020) co-located with the 16th International Conference on Computational and Cognitive Linguistics (TEL-2020)

Preface

This volume contains the papers presented at International Workshop on Computational Models in Language and Speech co-located with the 16th International Conference on Computational and Cognitive Linguistics (TEL-2020, <http://tel2020.ru>). The TEL-2020 conference was held from November 12 to November 13, 2020 in Kazan, Russia. The conference and the workshop are organized by the Institute of Applied Semiotics of Tatarstan Academy of Sciences, Kazan Federal University, and Russian Association for Artificial Intelligence.

The goal of this workshop is to bring together leading researchers from artificial intelligence, computational linguists, software researchers that are interested in natural language processing – both as speakers and as audience members. The ultimate goal is to share knowledge, discuss open research questions, and inspire new paths.

The scope of “Computational Models in Language and Speech” workshop includes the following topics:

- Semantic analysis of the text;
- Semantic Web technologies;
- Thesauri, ontologies;
- Machine translation;
- Natural Language Processing;
- Speech technologies.

We received 33 submissions describing new research for the workshop. Collected papers have undergone reviewing. The acceptance rate for papers was 60% (17 full papers and 3 short papers were accepted).

Program Committee consists of 9 members. Average number of DBLP papers of PC members is more than 22.

We would like to thank all who contributed to our workshop. First of all, we thank the authors for submitting their high-quality research works to the workshop. We would like to thank the members of the program committee for their valuable review contributions. We are grateful to our organizing committees, who made the conference possible.

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