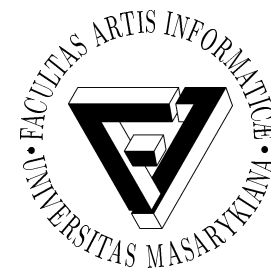


Last Call for Papers

Twenty-third International Conference on Text, Speech and Dialogue

TSD 2020

September 8–11, 2020, Brno, Czech Republic



TSD 2020 is organized by the Faculty of Informatics, Masaryk University, Brno, and the Faculty of Applied Sciences, University of West Bohemia, Pilsen. The conference is supported by International Speech Communication Association.

Venue: virtual conference running from Brno, Czech Republic

Deadline extension. The submission deadline has been extended to:

April 27, 2020 **Submission of full papers**

No changes in submission due to COVID-19. Conference will be organized with remote participation. Even though the COVID-19 spread is kept in limits in the Czech Republic, government regulations influence travelling possibilities. As the situation in September cannot be easily predicted, the TSD 2020 PC members have decided to choose the virtual TSD 2020 conference (with substantially reduced fees) as the default option. The actual organization of the TSD 2020 conference in September is thus not at risk and the preparation process continues without changes regarding the publication and submissions – Springer publication is already approved.

Format of the Conference: The conference will be organized with remote participation using video conference tools. The conference program will include presentation of invited papers, oral presentations, and poster/demonstration sessions. Papers will be presented in plenary or topic oriented sessions. The conference will welcome **Paolo Rosso**, Universitat Politècnica de València, Spain, **Diana Maynard**, University of Sheffield, UK, and **Joakim Nivre**, Uppsala University, Sweden, as keynote speakers. The registration fee has been substantially reduced:

Student: Remote participation, early discount CZK 3000 (approx. EUR 115)

Full participant: Remote participation, early discount CZK 5000 (approx. EUR 190)

Submission of Papers: Authors are invited to submit a full paper not exceeding 8 pages formatted in the LNCS style. The authors are asked to submit their papers using the on-line form. Papers submitted to TSD 2020 must not be under review, previously published or accepted for publication elsewhere. As reviewing will be blind, the paper should be anonymized.

Authors are also invited to present demonstrations. The presenters of demonstrations should provide an abstract not exceeding one page. The demonstration abstracts will not appear in the conference proceedings.

TSD series TSD series evolved as a prime forum for interaction between researchers in both spoken and written language processing from all over the world. Proceedings of TSD form a book published by Springer-Verlag in their Lecture Notes in Artificial Intelligence (LNAI) series. TSD Proceedings are regularly indexed by Thomson Reuters Conference Proceedings Citation Index/Web of Science. Moreover, LNAI series are listed in all major citation databases such as DBLP, SCOPUS, EI, INSPEC or COMPENDEX.

Topics: Topics of the conference will include (but are not limited to): **Corpora and Language Resources** (monolingual, multilingual, text and spoken corpora, large web corpora, disambiguation, specialized lexicons, dictionaries); **Speech Recognition** (multilingual, continuous, emotional speech, handicapped speaker, out-of-vocabulary words, alternative way of feature extraction, new models for acoustic and language modelling); **Tagging, Classification and Parsing of Text and Speech** (morphological and syntactic analysis, synthesis and disambiguation, multilingual processing, sentiment analysis, credibility analysis, automatic text labeling, summarization, authorship attribution); **Speech and Spoken Language Generation** (multilingual, high fidelity speech synthesis, computer singing); **Semantic Processing of Text and Speech** (information extraction, information retrieval, data mining, semantic web, knowledge representation, inference, ontologies, sense disambiguation, plagiarism detection, fake news detection); **Integrating Applications of Text and Speech Processing** (machine translation, natural language understanding, question-answering strategies, assistive technologies); **Automatic Dialogue Systems** (self-learning, multilingual, question-answering systems, dialogue strategies, prosody in dialogues); **Multimodal Techniques and Modelling** (video processing, facial animation, visual speech synthesis, user modelling, emotions and personality modelling);

Papers on processing of languages other than English are strongly encouraged.

Program Committee: Elmar Nöeth, DE (general chair); Rodrigo Agerri, ES; Eneko Agirre, ES; Vladimír Benko, SK; Archana Bhatia, US; Jan Černocký, CZ; Simon Dobrišek, SI; Kamil Ekštejn, CZ; Karina Evgrafova, RU; Yevhen Fedorov, UA; Carlos Ferrer, CU; Volker Fischer, DE; Darja Fišer, SI; Eleni Galiotou, GR; Björn Gambäck, NO; Radovan Garabík, SK; Alexander Gelbukh, MX; Louise Guthrie, US; Tino Haderlein, DE; Jan Hajič, CZ; Eva Hajičová, CZ; Yannis Haralambous, FR; Hynek Hermansky, US; Jaroslava Hlaváčová, CZ; Aleš Horák, CZ; Eduard Hovy, US; Denis Jouviet, FR; Maria Khokhlova, RU; Aidar Khusainov, RU; Daniil Kocharov, RU; Miloslav Konopík, CZ; Ivan Kopeček, CZ; Valia Kordoni, DE; Evgeny Kotelnikov, RU; Pavel Král, CZ; Siegfried Kunzmann, US; Nikola Ljubešić, HR; Natalija Loukachevitch, RU; Bernardo Magnini, IT; Oleksandr Marchenko, UA; Václav Matoušek, CZ; France Mihelič, SI; Roman Mouček, CZ; Agnieszka Mykowiecka, PL; Hermann Ney, DE; Juan Rafael Orozco-Arroyave, CO; Karel Pala, CZ; Nikola Pavesić, SI; Maciej Piasecki, PL; Josef Psutka, CZ; James Pustejovsky, US; German Rigau, ES; Leon Rothkrantz, NL; Anna Rumshisky, US; Milan Rusko, SK; Pavel Rychlý, CZ; Mykola Sazhok, UA; Odette Scharenborg, NL; Pavel Skrelin, RU; Pavel Smrž, CZ; Petr Sojka, CZ; Georg Stemmer, DE; Marko Robnik Šikonja, SI; Vitomir Štruc, SI; Marko Tadić, HR; Jan Trmal, CZ; Tamas Varadi, HU; Zygmunt Vetulani, PL; Aleksander Wawer, PL; Pascal Wiggers, NL; Yorick Wilks, GB; Marcin Woliński, PL; Alina Wróblewska, PL; Victor Zakharov, RU; Jerneja Žganec Gros, SI.

Important Dates:

April 27, 2020 **Submission of full papers**

June 5, 2020 Notification of acceptance

June 15, 2020 Final papers and registration

August 8, 2020 Submission of demonstration abstracts

August 15, 2020 Notif. of acceptance for demonstrations

September 8–11, 2020 Conference date

Submission of abstracts serves for better organization of the review process only – please submit your abstract as soon as possible. For the actual review a full paper submission is necessary.

Official Language of the conference is English.

Location: Brno is the second largest city in the Czech Republic with a population of almost 400.000 and is the country's judiciary and trade-fair center. Brno is the capital of South Moravia, which is located in the south-east part of the Czech Republic and is known for a wide range of cultural, natural, and technical sights. South Moravia is a traditional wine region. Brno had been a Royal City since 1347 and with its six universities it forms a cultural center of the region.

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