First Call for Papers
Twenty-first International Conference on *Text*, *Speech* and *Dialogue*
TSD 2018
September 11–14, 2018, Brno, Czech Republic

TSD 2018 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: Brno, Czech Republic

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. LNAI series are listed in all major citation databases such as DBLP, SCOPUS, EI, INSPEC or COMPENDEX.

Call for Workshops: The TSD 2018 conference will be accompanied by one-day satellite workshops or project meetings with organizational support by the TSD organizing committee. The organizing committee can arrange for a meeting room at the conference venue and prepare a workshop proceedings as a book with ISBN by a local publisher. The workshop papers that will pass also the standard TSD review process will appear in the Springer proceedings. Each workshop is a subject to proposal that should be sent to the contact e-mail tsd2018@tsdconference.org ahead of the respective deadline.

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); *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, Germany (general chair); Eneko Agirre, Spain; Vladimir Benko, Slovakia; Paul Cook, Australia; Jan Černocký, Czech Rep; Simon Dobrišek, Slovenia; Kamil Ekstein, Czech Rep; Karina Evgrafova, Russia; Darja Fišer, Slovenia; Eleni Galiotou, Greece; Bjrn Gambck, Norway; Radovan Garabík, Slovakia; Alexander Gelbukh, Mexico; Louise Guthrie, GB; Tino Haderlein, Germany; Jan Hajič, Czech Rep; Eva Hajičová, Czech Rep; Yannis Haralambous, France; Hynek Hermansky, USA; Jaroslava Hlaváčová, Czech Rep; Aleš Horák, Czech Rep; Eduard Hovy, USA; Maria Khokhlova, Russia; Daniil Kocharov, Russia; Miloslav Konopík, Czech Rep; Ivan Kopeček, Czech Rep; Valia Kordoni, Germany; Pavel Král, Czech Rep; Siegfried Kunzmann, Germany; Natalija Loukachevitch, Russia; Bernardo Magnini, Italy; Václav Matoušek, Czech Rep; France Mihelic, Slovenia; Roman Moucek, Czech Rep; Agnieszka Mykowiecka, Poland; Hermann Ney, Germany; Karel Oliva, Czech Rep; Karel Pala, Czech Rep; Nikola Pavesić, Slovenia; Maciej Piasecki, Poland; Josef Psutka, Czech Rep; James Pustejovsky, USA; German Rigau, Spain; Leon Rothkrantz, The Netherlands; Anna Rumshisky, USA; Milan Rusko, Slovakia; Pavel Rychly, Czech Rep; Mykola Sazhok, Ukraine; Pavel Skrelin, Russia; Pavel Smrž, Czech Rep; Petr Sojka, Czech Rep; Stefan Steidl, Germany; Georg Stemmer, Germany; Marko Tadic, Croatia; Tamas Varadi, Hungary; Zygmunt Vetulani, Poland; Pascal Wiggers, The Netherlands; Yorick Wilks, GB; Marcin Woliński, Poland; Victor Zakharov, Russia.*

Format of the Conference: The conference program will include presentation of invited papers, oral presentations, and poster and demonstration sessions. Papers will be presented in plenary or topic oriented sessions. The conference will welcome **Kenneth W. Church**, Baidu, USA, and **Piek Vossen**, Vrije Universiteit Amsterdam, The Netherlands, as keynote speakers. Social events including a trip in the vicinity of Brno will allow for additional informal interactions.

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 2018 must not be under review by any other conference or publication ,and must not be previously published or accepted for publication elsewhere. As reviewing will be blind, the paper should be anonymized. The authors are strongly encouraged to write their papers in TeX or LaTeX formats, that are necessary for the final versions. The paper format for review has to be a PDF file with all required fonts included.

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.

Important Dates:

March 15, 2018 . . . . Submission of abstracts
March 22, 2018 . . . . Submission of full papers
May 16, 2018 . . . . Notification of acceptance
May 31, 2018 . . . . Final papers and registration
August 8, 2018 . . . . Submission of demonstration abstracts
August 15, 2018 . . . . . Notif. of acceptance for demonstrations
September 11–14, 2018 . . . . Conference date

Submission of abstracts serves for better organization of the review process only – for the actual review a full paper submission is necessary.

Official Language of the conference is English.

Accommodation: The OC will arrange discounts on accommodation in the 4-star hotel at the conference venue.

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.

Brno can be reached easily by direct flights from London and Munich, and by trains or buses from Prague (200 km) or Vienna (130 km).

Address: All correspondence should be addressed to:
Ales Horak, TSD 2018
Faculty of Informatics, Masaryk University
Botanická 68a, 602 00 Brno, Czech Republic
phone: +420-5-49 49 18 63
fax: +420-5-49 49 18 20
email: tsd2018@tsdconference.org

For detailed and up-to-date information see the web page www.tsdconference.org.