Second Call for Papers

Fifteenth International Conference on *Text*, *Speech* and *Dialogue*

TSD 2012

September 3–7, 2012, Brno, Czech Republic

TSD 2012 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.

MT Workshop: The TSD 2012 conference will be accompanied by a one-day satellite workshop ***Hybrid Machine Translation***. The MT workshop submissions will undergo two separate review processes – the best papers which will succeed in both review processes (by the TSD 2012 Conference PC and MT Workshop 2012 PC) will be published in the TSD 2012 Springer Proceedings, all other accepted MT workshop papers will be published in a separate proceedings with ISBN.

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: *Hynek Hermansky, USA (general chair); Eneko Agirre, Spain; Geneviève Baudoin, France; Jan Černocký, Czech Rep; Radovan Garabik, Slovakia; Alexander Gelbukh, Mexico; Louise Guthrie, GB; Jan Hajič, Czech Rep; Eva Hajičová, Czech Rep; Patrick Hanks, GB; Ludwig Hitzenberger, Germany; Jaroslava Hlaváčová, Czech Rep; Aleš Horák, Czech Rep; Eduard Hovy, USA; Ivan Kopeček, Czech Rep; Steven Krauwer, The Netherlands; Siegfried Kunzmann, Germany; Natalija Loukachevitch, Russia; Václav Matoušek, Czech Rep; Diana McCarthy, UK; Hermann Ney, Germany; Elmar Nöeth, Germany; Karel Oliva, Czech Rep; Karel Pala, Czech Rep; Nikola Pavesić, Slovenia; Vladimír Petkevič, Czech Rep; Fabio Pianesi, Italy; Maciej Piasecki, Poland; Jan Pomikálek, Czech Rep; Adam Przepiorkowski, Poland; Josef Psutka, Czech Rep; James Pustejovsky, USA; Leon Rothkrantz, The Netherlands; Milan Rusko, Slovakia; 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; Taras Vintsiuk, Ukraine; Pascal Wiggers, the Netherlands; Yorick Wilks, GB; Victor Zakharov, Russia.*

Format of the Conference: The conference program will include presentation of invited papers, oral presentations, and a poster/demonstration sessions. Papers will be presented in plenary or topic oriented sessions. The conference will welcome **Ruslan Mitkov**, University of Wolverhampton, UK, and **Walter Daelemans**, University of Antwerp, Belgium, 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 2012 must not be under review by any other conference or publication during the TSD review cycle, and must not be previously published or accepted for publication elsewhere. As reviewing will be blind, the paper should not include the authors' names, affiliations or self-references that reveal the author's identity. 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 either PDF or PostScript file with all required fonts included.

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

Important Dates:

March 15, 2012 .... **Submission of abstracts**
March 22, 2012 .... **Submission of full papers**
May 15, 2012 .... Notification of acceptance
May 31, 2012 .... Final papers and registration
July 26, 2012 .... Submission of demonstration abstracts
July 31, 2012 .... Notif. of acceptance for demonstrations
September 3–7, 2012 .... 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 organizing committee will arrange discounts on accommodation in the 3-star hotel at the conference venue.

Address: All correspondence should be addressed to:

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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, Moscow, Saint Petersburg, Eindhoven, Rome and Prague and by trains or buses from Prague (200 km) or Vienna (130 km).

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