Call for Demonstrations and Participation

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

Submission of Demonstration Abstracts: Authors are invited to present actual projects, developed software and hardware or interesting material relevant to the topics of the conference. The authors of the demonstrations should provide the abstract not exceeding one page as plain text. The submission must be made using an online form available at the conference www pages. The accepted demonstrations will be presented during a special Demonstration Session (see the Demo Instructions at `www.tsdconference.org`). Demonstrators can present their contribution with their own notebook with an Internet connection provided by the organisers or the organisers can prepare a PC computer with multimedia support for demonstrators.

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***. Topics of the MT Workshop include all themes of machine translation (with stress on hybrid aspects of MT). The workshop is organized in cooperation with the PRESEMT EU project Consortium, submissions from other EU machine translation and related projects are more than welcomed. The MT workshop will take place on September 3 2012 in the conference venue.

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 poster/demonstration sessions. Papers will be presented in plenary or topic oriented sessions. The conference will welcome **Ruslan Mitkov**, University of Wolverhampton, UK: *The Impact of Anaphora and Coreference Resolution on NLP Applications*, **Walter Daelemans**, University of Antwerp, Belgium: *Computational Stylometry*, and **Adam Kilgarriff**, Lexical Computing Ltd, UK: *Getting to Know Your Corpus*, as keynote speakers. Social events including a trip in the vicinity of Brno will allow for additional informal interactions.

Important Dates:

August 3, 2012 ...... Submission of demonstration abstracts
August 10, 2012 .... Notif. of acceptance for demonstrations
September 3–7, 2012 .... Conference dates

The demonstration abstracts will not appear in the Proceedings of TSD 2012 but they will be published electronically at the conference website.

Official Language of the conference is English.

Accommodation: The organizing committee has arranged discounts on accommodation in the 4-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).