



TSD 2011

14th International Conference on Text, Speech and Dialogue
September 1 – 5, 2011, Plzeň, Czech Republic



**FACULTY
OF APPLIED SCIENCES
UNIVERSITY
OF WEST BOHEMIA**

*14th International Conference
on Text, Speech and Dialogue*

CALL FOR PAPERS

September 1 – 5, 2011 (right after Interspeech 2011)

<http://www.tsdconference.org/tsd2011>

angelo Hotel Pilsen ****

Plzeň (Pilsen)

Czech Republic



The conference is organised by the Faculty of Applied Sciences, the University of West Bohemia, Pilsen, and the Faculty of Informatics, Masaryk University, Brno. TSD 2011 will be supported by the International Speech Communication Association (ISCA) and the Czech Society for Cybernetics and Informatics (CSKI).

TSD SERIES

The TSD series evolved as a prime forum for interaction between researchers in both spoken and written language processing coming from former East Block countries and their Western colleagues. Proceedings of TSD form a book published by Springer-Verlag in their Lecture Notes in Artificial Intelligence (LNAI) series. The TSD proceedings are regularly indexed by Thomson Reuters (Conference Proceedings Citation Index, formerly ISI).

TOPICS

Topics of the conference will include:

Speech Recognition (multilingual, continuous, emotional speech, handicapped speaker, out-of-vocabulary words, alternative way of feature extraction, new models for acoustic and language modelling), Corpora and Language Resources (monolingual, multilingual, text and spoken corpora, large web corpora, disambiguation, specialized lexicons, dictionaries), Speech and Spoken Language Generation (multilingual, high fidelity speech synthesis, computer singing), Tagging, Classification and Parsing of Text and Speech (multilingual processing, sentiment analysis, credibility analysis, automatic text labeling, summarization, authorship attribution), 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)

The keynote topic of the TSD 2011 Conference is *Integrating Modern Web with Speech and Language Technologies*.

KEYNOTE SPEAKERS

For the upcoming TSD, the following outstanding set of invited speakers with various expertise covering speech modeling, acoustic-phonetic decoding, dialogue systems, and semantics agreed to give their respective pieces of speech:

Hynek Hermansky — *Department of Electrical and Computer Engineering, Johns Hopkins University, Baltimore, USA: Active listening in machine recognition of speech.*

Sergey Kuznetsov — *Head of the Institute for Research in Philology, St. Petersburg State University, Russia: Logico-semantic Text Processing for Machine Translation, Web Search, and Speech Synthesis.*

Mark Epstein — *Google and IBM: Topic not yet specified.*

OFFICIAL LANGUAGE

The official language of the event will be English, however, papers on issues related to text and speech processing in languages other than English are strongly encouraged.

FORMAT OF THE CONFERENCE

The conference programme will include presentations of invited papers, oral presentations, and poster/demonstration sessions. Papers will be presented in plenary or topic-oriented sessions. A preliminary conference programme will be published at the conference web pages. One day of the conference will be dedicated to tutorials and workshops.

Social events including a trip in the vicinity of Plzeň will allow for additional informal interactions. Details about the social events will be available on the web pages.

STUDENT SECTION

A new feature of this year's TSD is the students' section which will be an integral part of the conference. Each student of a master or doctoral programme can also submit their article to the student section. In the case that their work will not be accepted for the main conference it can still be accepted for the students' section. If an article is submitted to the main conference as well as to the students' section they will be reviewed separately. Reviewers of the main conference will not be informed that the article has also been submitted to the student section. The student papers will appear in separate proceedings that will not be published by Springer-Verlag. The students' section is a way to allow newcomer researchers to gain experience quickly by presenting a paper on a distinguished international conference. Student fees are significantly lower and a very cheap accommodation in students' dormitories can be arranged. We believe that the students' section is a great opportunity that should not be missed.

SUBMISSION OF PAPERS

Authors are invited to submit a full paper not exceeding 8 pages formatted in the LNCS style (see below). Those accepted will be presented either orally or as posters. The decision on the presentation format will be based upon the recommendation of three independent reviewers. The authors are asked to submit their papers using the on-line submission form accessible from the conference web site.

Papers submitted to TSD 2011 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 the reviewing is blind, the paper should not include authors' names and affiliations. Furthermore, self-references that reveal the author's identity, e.g., "We previously showed (Smith, 1991) ...", should be avoided. Instead, use citations, such as "Smith previously showed (Smith, 1991) ...". Papers that do not conform to the requirements above are determined to be rejected without review.

The authors are strongly encouraged to write their papers in TeX (plain) or LaTeX formats. These formats are necessary for the final versions of the papers that will be published in the Springer Lecture Notes. Authors using a MS Word-compatible software for the final version must use the LNCS template for MS Word and within the submit process ask the Proceedings

Editors to convert the paper to the LaTeX format. For this service a service-and-license fee of CZK 1500 will be levied automatically.

The paper format for the review has to be either the PDF or PostScript file with all required fonts included. Upon notification of acceptance, speakers will receive further information on submitting their camera-ready and electronic sources (for detailed instructions on the final paper format see <http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>).

Authors are also invited to present actual projects, a developed software or interesting materials relevant to the topics of the conference. Speakers who have prepared a demonstration should provide an abstract not exceeding one page. The demonstration abstracts will not appear in the conference proceedings.

PROGRAMME COMMITTEE

- Hynek Hermansky, USA (General Chairman)
- Eneko Agirre, Spain
- Genevieve Baudoin, France
- Jan Cernocky, Czech Republic
- Attila Ferencz, Romania
- Alexander Gelbukh, Mexico
- Louise Guthrie, United Kingdom
- Jan Hajic, Czech Republic
- Eva Hajicova, Czech Republic
- Patrick Hanks, Czech Republic
- Ludwig Hitzenberger, Germany
- Jaroslava Hlavacova, Czech Republic
- Ales Horak, Czech Republic
- Eduard Hovy, USA
- Ivan Kopecek, Czech Republic
- Steven Krauwer, The Netherlands
- Siegfried Kunzmann, Germany
- Natalija Loukachevitch, Russia
- Vaclav Matousek, Czech Republic
- Hermann Ney, Germany
- Elmar Noeth, Germany
- Karel Oliva, Czech Republic
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- Nikola Pavesic, Slovenia
- Vladimir Petkevic, Czech Republic
- Fabio Pianesi, Italy
- Adam Przepiorkowski, Poland
- Josef Pstuka, Czech Republic
- James Pustejovsky, USA
- Leon Rothkrantz, The Netherlands
- Milan Rusko, Slovakia
- Ernst G. Schukat-Talamazzini, Germany
- Pavel Skrelin, Russia
- Pavel Smrz, Czech Republic
- Petr Sojka, Czech Republic
- Marko Tadic, Croatia
- Tamas Varadi, Hungary

- Zygmunt Vetulani, Poland
- Taras Vintsiuk, Ukraine
- Yorick Wilks, United Kingdom
- Victor Zakharov, Russia

LOCATION

The city of [Plzeň \(Pilsen\)](#) is situated in Western Bohemia at the confluence of four rivers. With its 170,000 inhabitants it is the fourth largest city in the Czech Republic and an important industrial, commercial, and administrative centre. It is also the capital of the [Pilsen Region](#). In addition, it has been selected as the European capital of culture for 2015 by the Council of European Union.

Plzeň is well-known for its brewing tradition. The trademark Pilsner-Urquell has a good reputation all over the world thanks to the traditional recipe, high quality hops and good wells. Beer lovers will also appreciate a visit to the Plzeň Brewery Museum or the Brewery itself.



Apart from its delicious beer, Plzeň hides lots of treasures in its core. The city can boast the second largest synagogue in Europe. The dominant of the old part of the city center is definitely the 13th-century Gothic cathedral featuring the highest tower in Bohemia (102.34 m). It is possible to go up the stairs and admire the view of the city. Not far from the cathedral is the splendid Renaissance Town Hall from 1558 and plenty of pleasant cafes and pubs.

There is also a beautiful historical underground in Plzeň - under the city center, an intricate network of corridors can be found. They are about 17 km long and visitors can walk through the most beautiful part of this labyrinth.

It is recommended to visit the City Zoological Garden having the second largest space for bears in Europe and keeping several Komodo dragons, large lizards which exist only in a few zoos in the world.

The [University of West Bohemia in Plzeň](#) provides a variety of courses for both Czech and international students. It is the only institution of higher education in this part of the country which prepares students for careers in engineering (electrical and mechanical), science (computer science, applied mathematics, physics, and mechanics), education (both primary and secondary), economics, philosophy, politics, archaeology, anthropology, foreign languages, law and public administration, art and design.



GETTING THERE

The city has access from the D5 motorway connecting Prague (Praha) with Germany (see the map above). Plzeň has very good bus and train connections with the capital of Prague (it takes about 1 – 1.5 hour to get from Prague to Plzeň). From the Prague International Airport Ruzyně (PRG) you can reach Plzeň by frequent public transport in 1.5 – 2 hours.

IMPORTANT DATES

April 8, 2011	Submission of full papers
May 13, 2011	Notification of acceptance
May 31, 2011	Final papers (camera-ready) submission and registration
September 1-5, 2011	TSD 2011 Conference

The contributions to the conference will be published in proceedings that will be made available to participants at the time of the conference.

CONFERENCE FEES

The conference fee depends on the date of payment and on your status. It **includes** meals at the main conference time, one copy of the proceedings, refreshments, social events and organising costs. The fee **does not include** the cost of accommodation.

Full participant:

early registration	by May 31st, 2011	– CZK 11.000,-
late registration	by August 1 st , 2011	– CZK 13.000,-
on-site registration		– CZK 15.000,-

Student:

early registration	by May 31st, 2011	– CZK 7.500,-
late registration	by August 1 st , 2011	– CZK 9.500,-
on-site registration		– CZK 11.500,-

The payment may be refunded up until August 15, at the cost of CZK 1500. No refund is possible after this date.

All costs are in Czech Crowns (Czech Koruna, CZK), see e.g. <http://www.xe.com/ucc/> for the current exchange rate.

At least one of the authors has to register and pay the registration fee by May 31, 2011 for their paper to be included in the conference proceedings. Only one paper of up to 8 pages is included in the regular registration fee. The additional paper and page charge is CZK 1000 per page. An author with more than one paper pays the additional paper rates unless a co-author has also registered and paid the full registration fee.

The organising committee will provide discounts and grants for participants from East European countries (Russia, Belarus, Ukraine, ...). To apply for a grant, send an email to tsd@kiv.zcu.cz with the subject 'Grant Application', in which you briefly describe the reasons for your application. Each applicant must send a separate e-mail.

ACCOMMODATION

The organising committee has arranged accommodation for reasonable prices in the angelo Hotel Pilsen and student halls of residence. The current prices of the accommodation are available at the conference website.

ADDRESS

All correspondence regarding the conference should be addressed to:

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Phone: +420 723 081 547

Fax: +420 377 632 402 — Please, designate the faxed material with capitals 'TSD' on top.

TSD 2011 conference web site: <http://www.tsdconference.org/tsd2011>

Conference Venue – angelo Hotel Pilsen

