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**1st INTERNATIONAL CONFERENCE ON STATISTICAL  
LANGUAGE AND SPEECH PROCESSING**

**SLSP 2013**

**Tarragona, Spain**

**July 29-31, 2013**

Organised by:

Research Group on Mathematical Linguistics (GRLMC)  
Rovira i Virgili University

Research Institute for Information and Language Processing (RIILP)  
University of Wolverhampton

<http://grammars.grlmc.com/SLSP2013/>

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**AIMS:**

SLSP is the first event in a series to host and promote research on the wide spectrum of statistical methods that are currently in use in computational language or speech processing. It aims at attracting contributions from both fields. Though there exist large, well-known conferences including papers in any of these fields, SLSP is a more focused meeting where synergies between areas and people will hopefully happen. SLSP will reserve significant space for young scholars at the beginning of their careers.

**VENUE:**

SLSP 2013 will take place in Tarragona, 100 km. to the south of Barcelona.

**SCOPE:**

The conference invites submissions discussing the employment of statistical methods (including machine learning) within language and speech processing. The list below is indicative and not exhaustive:

- phonology, morphology
- syntax, semantics
- discourse, dialogue, pragmatics
- statistical models for natural language processing
- supervised, unsupervised and semi-supervised machine learning methods applied to natural language, including speech
- statistical methods, including biologically-inspired methods
- similarity
- alignment
- language resources

- part-of-speech tagging
- parsing
- semantic role labelling
- natural language generation
- anaphora and coreference resolution
- speech recognition
- speaker identification/verification
- speech transcription
- text-to-speech synthesis
- machine translation
- translation technology
- text summarisation
- information retrieval
- text categorisation
- information extraction
- term extraction
- spelling correction
- text and web mining
- opinion mining and sentiment analysis
- spoken dialogue systems
- author identification, plagiarism and spam filtering

#### **STRUCTURE:**

SLSP 2013 will consist of:

- invited talks
- invited tutorials
- peer-reviewed contributions

#### **INVITED SPEAKERS:**

Yoshua Bengio (Montréal), tutorial Learning Deep Representations

Christof Monz (Amsterdam), Challenges and Opportunities of Multilingual Information Access

Tanja Schultz (Karlsruhe Tech), Multilingual Speech Processing with a special emphasis on Rapid Language Adaptation

#### **PROGRAMME COMMITTEE:**

Carlos Martín-Vide (Tarragona, Co-Chair)

Ruslan Mitkov (Wolverhampton, Co-Chair)

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Robert C. Berwick (MIT)

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Adam Kilgarriff (Lexical Computing Ltd., Brighton)  
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Mikko Kurimo (Aalto)  
Lori Lamel (CNRS-LIMSI, Orsay)  
Philippe Langlais (Montréal)  
Haizhou Li (Institute for Infocomm Research, Singapore)  
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Paolo Rosso (Technical U Valencia)  
Mark Steedman (Edinburgh)  
Tomek Strzalkowski (Albany)  
Gökhan Tür (Microsoft Research, Redmond)  
Stephan Vogel (Qatar Computing Research Institute, Doha)  
Kuansan Wang (Microsoft Research, Redmond)  
Dekai Wu (HKUST, Hong Kong)  
Min Zhang (Institute for Infocomm Research, Singapore)  
Yunxin Zhao (U Missouri, Columbia)

**ORGANISING COMMITTEE:**

Adrian Horia Dediu (Tarragona)  
Carlos Martín-Vide (Tarragona, Co-Chair)  
Ruslan Mitkov (Wolverhampton, Co-Chair)  
Bianca Truthe (Magdeburg)  
Florentina Lilica Voicu (Tarragona)

**SUBMISSIONS:**

Authors are invited to submit papers presenting original and unpublished research. Papers should not exceed 12 single - spaced pages (including eventual appendices) and should be formatted according to the standard format for Springer Verlag's LNAI series (see <http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>).

Submissions are to be uploaded to:

<https://www.easychair.org/conferences/?conf=slsp2013>

**PUBLICATIONS:**

A volume of proceedings published by Springer in the LNAI topical subseries of the LNCS series will be available by the time of the conference.

A special issue of a major journal will be later published containing peer-reviewed extended versions of some of the papers contributed to the conference. Submissions will be by invitation.

**REGISTRATION:**

The period for registration is open from November 30, 2012 to July 29, 2013. The registration form can be found at:

<http://grammars.grlmc.com/SLSP2013/Registration>

**DEADLINES:**

Paper submission: March 5, 2013 (23:59h, CET)

Notification of paper acceptance or rejection: April 9, 2013

Final version of the paper for the LNAI proceedings: April 17, 2013

Early registration: April 24, 2013

Late registration: July 19, 2013

Submission to the post-conference journal special issue: October 31, 2013

**QUESTIONS AND FURTHER INFORMATION:**

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**POSTAL ADDRESS:**

SLSP 2013

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