

LaTeCH 2013

**Proceedings of the 7th Workshop on Language Technology
for Cultural Heritage, Social Sciences, and Humanities
(LaTeCH 2013)**

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Preface

We are delighted to present you with this volume containing the papers accepted for presentation at the 7th Workshop on Language Technology for Cultural Heritage, Social Sciences, and Humanities, endorsed by the ACL SIGHUM interest group.

Language technology has by now pervaded core processing procedures targeting the cleaning, searching, linking, enriching, and mining of digitized data from these fields. After six previous LaTeCH workshops, we are happy to carry on with aggregating and disseminating the most interesting studies – selected by a thorough peer-review process – concerning current hot topics in the area of natural language processing. Acceptance rate for LaTeCH-2013 was 62%. We would especially like to thank the members of the programme committee for willing to share their expertise by providing detailed reviews and insightful input to all the submitting authors.

On top of the regular paper presentations, the organisers are proud to integrate the SIGHUM annual business meeting into the programme.

We wish you a well-spent workshop day!

Piroska Lendvai and Kalliopi Zervanou
Chairs of LaTeCH-2013

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Conference Program

Thursday August 8, 2013

- 9:00-9:15 Opening
- 9:15-9:35 *Generating Paths through Cultural Heritage Collections*
Samuel Fernando, Paula Goodale, Paul Clough, Mark Stevenson, Mark Hall and Eneko Agirre
- 9:35-9:55 *Using character overlap to improve language transformation*
Sander Wubben, Emiel Krahmer and Antal van den Bosch
- 9:55-10:15 *Comparison between historical population archives and decentralized databases*
Marijn Schraagen and Dionysius Huijsmans
- 10:15-10:30 *Semi-automatic Construction of Cross-period Thesaurus*
Chaya Liebeskind, Ido Dagan and Jonathan Schler
- 10:30-11:00 Coffee Break
- 11:00-11:15 *Language Technology for Agile Social Media Science*
Simon Wibberley, David Weir and Jeremy Reffin
- 11:15-11:30 *Morphological annotation of Old and Middle Hungarian corpora*
Attila Novák, György Orosz and Nóra Wenszky
- 11:30-11:45 *Argument extraction for supporting public policy formulation*
Eirini Florou, Stasinios Konstantopoulos, Antonis Koukourikos and Pythagoras Karampiperis
- 11:45-12:30 SIGHUM annual business meeting
- 12:30-14:00 Lunch Break
- 14:00-14:20 *Towards a Tool for Interactive Concept Building for Large Scale Analysis in the Humanities*
Andre Blessing, Jonathan Sonntag, Fritz Kliche, Ulrich Heid, Jonas Kuhn and Manfred Stede
- 14:20-14:40 *Learning to Extract Folktale Keywords*
Dolf Trieschnigg, Dong Nguyen and Mariët Theune

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- 14:40–15:00 *Towards Creating Precision Grammars from Interlinear Glossed Text: Inferring Large-Scale Typological Properties*
Emily M. Bender, Michael Wayne Goodman, Joshua Crowgey and Fei Xia
- 15:00–15:15 *Using Comparable Collections of Historical Texts for Building a Diachronic Dictionary for Spelling Normalization*
Marilisa Amoia and José Manuel Martínez
- 15:15–15:30 *Integration of the Thesaurus for the Social Sciences (TheSoz) in an Information Extraction System*
Thierry Declerck
- 15:30-16:00 Coffee Break
- 16:00–16:15 *The (Un)faithful Machine Translator*
Ruth Jones and Ann Irvine
- 16:15–16:30 *Temporal classification for historical Romanian texts*
Alina Maria Ciobanu, Anca Dinu, Liviu Dinu, Vlad Niculae and Octavia-Maria Șulea
- 16:30–16:50 *Multilingual access to cultural heritage content on the Semantic Web*
Dana Dannells, Aarne Ranta, Ramona Enache, Mariana Damova and Maria Mateva
- 16:50-17:00 Closing