

LaTeCH 2016

**Proceedings of the 10th SIGHUM Workshop on  
Language Technology for Cultural Heritage,  
Social Sciences, and Humanities  
(LaTeCH 2016)**

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## Introduction

The LaTeCH workshop series, which started in 2007, was initially motivated by the growing interest in language technology research and applications to the cultural heritage domain. The scope quickly broadened to also include the humanities and the social sciences. LaTeCH is currently the annual venue of the ACL Special Interest Group on Language Technologies for the Socio-Economic Sciences and Humanities (SIGHUM).

LaTeCH 2016 is the tenth instalment of the LaTeCH workshop series. Fittingly, LaTeCH received the best birthday present a workshop can hope for: A record number of submissions. 48 papers have been submitted in total, 23 of them being long papers (8 pages). Overall, 21 papers have been accepted for presentation, giving this workshop an acceptance rate of about 44% (long: 47%, short: 40%, previous years: about 60%).

While we did not set a specific topic for this workshop, there is one thematic group that can be easily identified among the accepted papers: Historic languages and their processing. Apart from that, several papers deal with political/social issues and diachronic development in general.

We would like to thank all authors for the hard work that went into their submissions. We are also grateful to the members of the programme committee for their thorough reviews. Reviewing this many papers in time would not have been possible without the additional reviewers who were able to join the programme committee on a short notice and those who volunteered to review a few papers more than anticipated. We also thank the ACL 2016 organisers, in particular the Workshop Co-chairs Jun Zhao and Sabine Schulte im Walde.

*Beatrice Alex and Nils Reiter*



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# Conference Program

**Thursday, August 11, 2016**

**9:00–10:30    Session 1**

09:00        *Brave New World: Uncovering Topical Dynamics in the ACL Anthology Reference Corpus Using Term Life Cycle Information*  
Anne-Kathrin Schumann

09:30        *Analysis of Policy Agendas: Lessons Learned from Automatic Topic Classification of Croatian Political Texts*  
Mladen Karan, Jan Šnajder, Daniela Sirinic and Goran Glavaš

10:00        *Searching Four-Millenia-Old Digitized Documents: A Text Retrieval System for Egyptologists*  
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**11:00–12:30    Session 2**

11:00        *Old Swedish Part-of-Speech Tagging between Variation and External Knowledge*  
Yvonne Adesam and Gerlof Bouma

11:30        *Code-Switching Ubique Est - Language Identification and Part-of-Speech Tagging for Historical Mixed Text*  
Sarah Schulz and Mareike Keller

12:00        *Dealing with word-internal modification and spelling variation in data-driven lemmatization*  
Fabian Barteld, Ingrid Schröder and Heike Zinsmeister

**Thursday, August 11, 2016 (continued)**

**13:30–14:00 SIGHUM Business Meeting**

**14:00–15:00 Session 3**

14:00 *You Shall Know People by the Company They Keep: Person Name Disambiguation for Social Network Construction*

Mariona Coll Ardanuy, Maarten van den Bos and Caroline Sporleder

14:30 *Deriving Players & Themes in the Regesta Imperii using SVMs and Neural Networks*

Juri Opitz and Anette Frank

**15:00–16:00 Poster Session**

*Semi-automated annotation of page-based documents within the Genre and Multimodality framework*

Tuomo Hiippala

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Vilja Hulden

**16:00–17:30 Session 4**

16:00

*An NLP Pipeline for Coptic*

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Micha Elsner and Emily Lane

17:00

*Information-based Modeling of Diachronic Linguistic Change: from Typicality to Productivity*

Stefania Degaetano-Ortlieb and Elke Teich

