

ACL-IJCNLP 2015

**The 53rd Annual Meeting of the
Association for Computational Linguistics and the
7th International Joint Conference on Natural Language
Processing**

**Proceedings of the Conference
Tutorial Abstracts**

July 26-31, 2015

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Introduction

This volume contains the abstracts of the ACL-IJCNLP 2015 tutorials. This year we had a joint call-for-tutorials, coordinated with the NAACL and EMNLP co-chairs (6 co-chairs in total). We received 32 high-quality proposals, and it was a difficult task to make a final selection. The six co-chairs applied the following criteria for evaluation: relevance to ACL community, quality of instructor, quality of proposal, own estimate of attendance, newly emerging area, and being an introduction into related fields. The tutorials were then assigned to venues, trying to respect proposers' preferences and to balance topics across venues. In the end we accepted eight tutorials for ACL-IJCNLP. All eight of these are organized as half-day tutorials.

We are very grateful to Yang Liu and Tamar Solorio (NAACL tutorial chairs), Maggie Li and Khalil Sima'an (EMNLP tutorial chairs), Le Sun and Yang Liu (local chairs), Wanxiang Che and Guodong Zhou (publication chairs), Yuji Matsumoto (general chair), and of course Priscilla Rasmussen, for various kinds of help, advice and assistance offered during the process of putting the tutorial programme and materials together. Most importantly, we would like to thank the tutorial presenters for the time and effort in preparing and presenting the tutorials.

We hope you will enjoy the tutorials!

ACL-IJCNLP 2015 Tutorial Chairs

Eneko Agirre, University of the Basque Country

Kevin Duh, Nara Institute of Science and Technology

Tutorial chairs:

Eneko Agirre, University of the Basque Country

Kevin Duh, Nara Institute of Science and Technology

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Conference Program

Sunday, July 26, 2015

Morning Session

- 09:00-12:30 *Successful Data Mining Methods for NLP*
Jiawei Han, Heng Ji and Yizhou Sun
- 09:00-12:30 *Structured Belief Propagation for NLP*
Matthew R. Gormley and Jason Eisner
- 09:00-12:30 *Sentiment and Belief: How to Think about, Represent, and Annotate Private States*
Owen Rambow and Janyce Wiebe
- 09:00-12:30 *Corpus Patterns for Semantic Processing*
Octavian Popescu, Patrick Hanks, Elisabetta Jezeck and Daisuke Kawahara

Afternoon Session

- 14:00-17:30 *Matrix and Tensor Factorization Methods for Natural Language Processing*
Guillaume Bouchard, Jason Naradowsky, Sebastian Riedel, Tim Rocktäschel and Andreas Vlachos
- 14:00-17:30 *Scalable Large-Margin Structured Learning: Theory and Algorithms*
Liang Huang and Kai Zhao
- 14:00-17:30 *Detecting Deceptive Opinion Spam using Linguistics, Behavioral and Statistical Modeling*
Arjun Mukherjee
- 14:00-17:30 *What You Need to Know about Chinese for Chinese Language Processing*
Chu-Ren Huang

