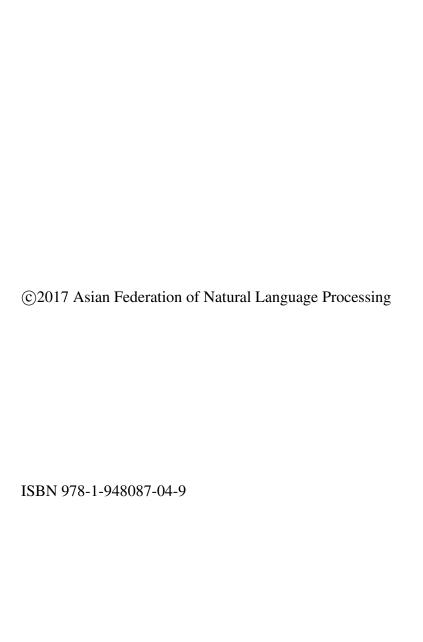
IJCNLP 2017

The Eighth International Joint Conference on Natural Language Processing

Proceedings of the IJCNLP 2017, Tutorial Abstracts

November 27 December 1, 2017 Taipei, Taiwan



Introduction

A total of 9 tutorial proposals were submitted to the IJCNLP 2017 Tutorials track from which six were finally accepted. We are grateful to the IJCNLP community for the diverse, and high-quality proposals we received. This guarantees a strong tutorials track at IJCNLP 2017, but at the same time made the selection process very difficult. All proposals were reviewed by the chairs with assistance by colleagues and experts from the NLP community where necessary. The final selection was approved by the IJCNLP 2017 General Chair.

The following criteria guided the selection: (1) Quality: content, scope and organization of the proposal, competence and experience of the presenters. (2) Diversity: We tried to include diverse topics ranging from linguistically motivated approaches to current developments in deep learning. We would like to emphasize that we also selected one tutorial on how to improve scientific presentations. We believe that our whole community – presenters and audience alike – will benefit from this tutorial. (3) Novelty: Tutorials recently held at similar events were not selected.

We would like to thank all the presenters for putting a lot of effort in the tutorials. We are indebted to the Local Chairs, the Publication Chairs and the IJCNLP 2017 General Chair for making it happen.

Enjoy,

Sadao Kurohashi, Kyoto University Michael Strube, Heidelberg Institute for Theoretical Studies gGmbH IJCNLP 2017 Tutorial Chairs

Tutorial chairs:

Sadao Kurohashi, Kyoto University Michael Strube, Heidelberg Institute for Theoretical Studies gGmbH

Table of Contents

Deep Learning in Lexical Analysis and Parsing	1
Wanxiang Che and Yue Zhang	I
Multilingual Vector Representations of Words, Sentences, and Documents	
Gerard de Melo	3
Open-Domain Neural Dialogue Systems	
Yun-Nung Chen and Jianfeng Gao	6
Neural Machine Translation: Basics, Practical Aspects and Recent Trends	
Fabien Cromieres, Toshiaki Nakazawa and Raj Dabre	11
The Ultimate Presentation Makeup Tutorial: How to Polish your Posters, Slides and Pres	entations Skills
Gustavo Paetzold and Lucia Specia	14
The Challenge of Composition in Distributional and Formal Semantics	
Ran Tian, Koji Mineshima and Pascual Martínez-Gómez	16

Conference Program

Monday, November 27, 2017

	Morning Session
9:00-12:30	Deep Learning in Lexical Analysis and Parsing Wanxiang Che and Yue Zhang
9:00–12:30	Multilingual Vector Representations of Words, Sentences, and Documents Gerard de Melo
9:00–12:30	Open-Domain Neural Dialogue Systems Yun-Nung Chen and Jianfeng Gao
	Afternoon Session
13:30–17:00	Neural Machine Translation: Basics, Practical Aspects and Recent Trends Fabien Cromieres, Toshiaki Nakazawa and Raj Dabre
13:30–17:00	The Ultimate Presentation Makeup Tutorial: How to Polish your Posters, Slides and Presentations Skills Gustavo Paetzold and Lucia Specia
13:30–17:00	The Challenge of Composition in Distributional and Formal Semantics Ran Tian, Koji Mineshima and Pascual Martínez-Gómez