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Statistical Language and Speech Processing

6th International Conference, SLSP 2018 Mons, Belgium, October 15–16, 2018 Proceedings

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Preface

These proceedings contain the papers that were presented at the 6th International Conference on Statistical Language and Speech Processing (SLSP 2018), held in Mons, Belgium, during October 15–16, 2018.

The scope of SLSP deals with topics of either theoretical or applied interest discussing the employment of statistical models (including machine learning) within language and speech processing, namely:

Anaphora and coreference resolution
Authorship identification, plagiarism and spam filtering
Computer-aided translation
Corpora and language resources
Data mining and semantic web
Information extraction
Information retrieval
Knowledge representation and ontologies
Lexicons and dictionaries
Machine translation
Multimodal technologies
Natural language understanding
Neural representation of speech and language
Opinion mining and sentiment analysis
Parsing
Part-of-speech tagging
Question-answering systems
Semantic role labelling
Speaker identification and verification
Speech and language generation
Speech recognition
Speech synthesis
Speech transcription
Spelling correction
Spoken dialogue systems
Term extraction
Text categorisation
Text summarisation
User modeling

SLSP 2018 received 40 submissions. Every paper was reviewed by 3 Programme Committee members. There were also a few external experts consulted. After a thorough and vivid discussion phase, the committee decided to accept 15 papers (which represents

a competitive acceptance rate of about 37%). The conference program included 3 invited talks and some presentations of work in progress as well.

The excellent facilities provided by the EasyChair conference management system allowed us to deal with the submissions successfully and handle the preparation of these proceedings in time.

We would like to thank all invited speakers and authors for their contributions, the Program Committee and the external reviewers for their diligent cooperation, and Springer for its very professional publishing work.

August 2018

Thierry Dutoit
Carlos Martín-Vide
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