



Proceedings of the Doctoral Symposium of the 33rd International
Conference of the Spanish Society for Natural Language
Processing

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(Eds.)

PREFACE

This volume contains papers from the Doctoral Symposium of the 33rd International Conference of the Spanish Society for Natural Language Processing, held on September 19, 2017, in Murcia, Spain.

This scientific event convened PhD researchers with an interest in the latest research work and developments in the field of Natural Language Processing (NLP), employing computational techniques for the purpose of learning, understanding, and producing human language content, as well as new possibilities of real-world applications and R&D projects in this field.

The present volume includes the fourteen following papers, submitted in both English and Spanish:

- The language of thought

Alberto Andreu Marín (Universidad de Jaén)

- How to profile documents?

Antonio Guillén Espejo (Universidad de Alicante)

- Approach to modeling of cyberbullying from the perspective of the human language technologies

Beatriz Botella (Universidad de Alicante)

- Study of a hybrid approach for Natural Language Generation

Cristina Barros (Universidad de Alicante)

- Extraction of knowledge in textual documents

Denis Cedeño-Moreno (Universidad Tecnológica de Panamá)

- Emotion analysis in Spanish for the medical domain

Flor M. Plaza del Arco (Universidad de Jaén)

- Language and domain independent Named Entity Recognition and classification through profiles

Isabel Moreno (Universidad de Alicante)

- Sentiment Analysis for real-time applications

Javier Fernández (Universidad de Alicante)

- Use of discourse information for Basque sentiment analysis

Jon Alkorta (Universidad del País Vasco)

- Semi-automatic methodology to annotate emotional corpora

Lea Canales (Universidad de Alicante)

- Planning with positional language models to produce versatile Natural Language Generation systems

Marta Vicente (Universidad de Alicante)

- Named Entity Recognition in Spanish medical reports

Pilar López Úbeda (Universidad de Jaén)

- Negation detection in Spanish texts and application to Sentiment Analysis

Salud María Jiménez-Zafra (Universidad de Jaén)

- Automatic model for the suicide prevention by means of early detection of suicide messages in social networks

Saray Zafra (Universidad de Alicante)

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