

7th International Symposium on Language & Knowledge Engineering

The seventh edition of the International Symposium on Language Knowledge Engineering at Dublin, Ireland.

The Symposium, is organised by the Department of Computing of the Technological University Dublin, Tallaght Campus. It is a forum for exchanging scientific results and experiences, as well as sharing new knowledge, and increasing the co-operation between research groups in language processing and related areas.

DAY 1

AUDITORIUM 025

0800	Main Reception
0900	TU Dublin, Tallaght Campus
0900	Opening ceremony
0920 1020	Keynote Speaker: Dr. Ruslan Mitkov University of Wolverhampton,UK
1020 1200	Session - 1A [NLP] 1.-Annotador: a Temporal Tagger for Spanish. 2.-A study of lexical function detection with word2vec and supervised machine learning. 3.-Impact of Passive and Negative

	sentences in Automatic Generation of Static UML Diagram Using NLP. 4.-An orthographic and phonetic knowledge-based measure for confused drug names. 5.-Improving the identification of confused drug names in Spanish.
1200	Coffee break
1220 1320	Keynote Speaker: Dr. Andrew Kane Principal Solutions Architect Amazon Web Services (UK)
1320 1400	Session - 2A [Text semantics] 1.-Argumentative Relation Identification in Academic Texts. 2.-Towards a Semantics of Intentional Silence in Omissive Implicature.
1400	Lunch
1540 1720	Session - 3A [Sentiment analysis] 1.-Irony Detection in Twitter with Imbalanced Class Distributions. 2.-Self-Attention for Twitter Sentiment Analysis in Spanish. 3.-Ranking Based Multi-Label Classification for Sentiment Analysis. 4.-Psychological Attachment Style Prediction Based on Short Biographies. 5.-Using Weighted Directed Graphs for Identification of Flow of Emotions in Poems.
1730	Poster Session & Welcoming Toast

DAY 2

AUDITORIUM 025

0800	Main Reception TU Dublin, Tallaght Campus
0900 1000	Keynote Speaker: Dr. Paolo Rosso Universitat Politècnica de València, Spain
1000	Coffee break
1020 1200	Session - 4A [Big Data] 1.- Ranking concrete and abstract words using Google Books Ngram data. 2.-Deep Fusion of Multiple Term-Similarity Measures For Biomedical Passage Retrieval. 3.-iHDT++: Improving HDT for SPARQL Triple Pattern Resolution. 4.-Cosine Similarity Enrichment with Semantic Methods for Document Matching. 5.-Cross-Dataset Email Classification.
1200	Coffee break
1220 1320	Keynote Speaker : Mr. Paul Barnes Microsoft, Ireland.
1320 1400	Session - 5A [Ontologies] 1.-Natural ontologies with elastic matching for elicited knowledge comparison. 2.-PIANI: An Ontology-based Platform for Outdoor Activity Recognition and Non Intrusive Assistance to the Elderly.
1400	Quick Lunch (50min)

1450 1900	Tour to Dublin
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DAY 3
AUDITORIUM 025

0800 0900	Main Reception TU Dublin, Tallaght Campus
0900 1000	Keynote Speaker Dr. Davide Buscaldi Université Paris 13 Nord, France
1000	Coffee break
1020 1200	Session - 6A [Author Profiling] 1.-Author detection: analyzing tweets by using a Naïve Bayes classifier. 2.-#Brexit: Leave or Remain? The Role of User's Community and Diachronic Evolution on Stance Detection. 3.-A Study of Deep Learning Methods for Same-genre and Cross-genre Author Profiling. 4.-Author Profiling on Bi-lingual Tweets. 5.-Predicting consumers engagement on Facebook based on what and how companies write.
1200	Coffee break
1220 1320	Session - 7A [Summarisation] 1.-Extractive Summarization using Siamese Hierarchical Transformer Encoders. 2.-Unsupervised Extractive Multi-Document Text Summarization using a

	Genetic Algorithm. 3.-Determining the Importance of Sentence Position for Automatic Text Summarization.
1320 1400	Session - 8A [Language resources] 1.-Towards building a Urdu Language Corpus using Common Crawl. 2.-"Bend The Truth": Benchmark Dataset for Fake News Detection in Urdu Language and its Evaluation.
1400	Lunch
1540 1700	Session - 9A [Language engineering] 1.-Improving unsupervised neural aspect extraction for online discussions using out-of-domain classification. 2.-Career Path Level Estimation and Skill Qualification Feedback from Textual Descriptions. 3.-Unsupervised lower-baseline localization on historical documents. 4.-Solving Arithmetic Word Problems: a Deep Learning Based Approach
1810 2300	Gala Dinner

**Internet access:
provided at the venue**

PROGRAM



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2019