

NLDB 2020

25th International Conference on Applications of Natural Language to Information Systems

Programme

Overview

Wednesday, 24 June 2020

9.00-9.30
Welcome Address

9.30-10.30
Session 1 - Question Answering and Answer Generation (1)

10.30-11.00
Coffee Break

11.00-12.10
Session 2 - Question Answering and Answer Generation (2)

12.10-13.45
Lunch Break

13.45-15.00
Invited Talk
Claire Gardent, LORIA, Nancy, France

15.00-15.30
Coffee Break

15.30-17.10
Session 3 - Semantic Analysis

Thursday, 25 June 2020

9.00-10.20
Session 4 - Personality, Affect, and Emotion (1)

10.20-10.50
Coffee Break

10.50-11.50
Session 5 - Personality, Affect, and Emotion (2)

11.50-13.45
Lunch Break

13.45-15.00
Invited Talk
Joseph van Genabith, DFKI GmbH
Saarbrücken, Germany

15.00-15.30
Coffee Break

15.30-17.00
Session 6 - Classification

17.00-17.30
Award Session

Friday, 26 June 2020

9.00-10.20
Session 7 - Sentiment Analysis

10.20-10.50
Coffee Break

10.50-11.50
Session 8 - Retrieval, Conversational Agents and Multimodal Analysis (1)

11.50-13.45
Lunch Break

13.45-15.00
Invited Talk
Ehud Reiter, University of Aberdeen and
Arria, UK

15.00-15.30
Coffee Break

15.30-16.20
Session 9 - Retrieval, Conversational Agents and Multimodal Analysis (2)

16.20-16.50
Closing Ceremony and Outlook

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9.00-9.30

Welcome Address

Session 1 - Question Answering and Answer Generation (1)

9.30-10.00

Investigating Query Expansion and Coreference Resolution in Question Answering on BERT

Santanu Bhattacharjee, Rejwanul Haque, Gideon Maillette de Buy Wenniger, and Andy Way

10.00-10.30

CONQUEST: A Framework for Building Template-Based IQA Chatbots for Enterprise Knowledge Graphs

Caio Viktor S. Avila, Wellington Franco, José Gilvan R. Maia and Vania M.P. Vidal

10.30-11.00

Coffee Break

Session 2 - Question Answering and Answer Generation (2)

11.00-11.20

Enabling Interactive Answering of Procedural Questions

Anutosh Maitra, Shivam Garg and Shubhashis Sengupta

11.20-11.50

Natural Language Generation using Transformer Network in an Open-domain Setting

Deeksha Varshney, Asif Ekbal, Ganesh Prasad N, Mrigank Tiwari, Abhijith Athreya Mysore Gopinath, Pushpak Bhattacharyya

11.50-12.10

A Cooking Knowledge Graph and Benchmark for Question

Answering Evaluation in Lifelong Learning scenarios

Mathilde Veron, Anselmo Peñas, Guillermo Echevoyen, Somnath Banerjee, Sahar Ghannay, and Sophie Rosset

12.10-13.45

Lunch Break

13.45-15.00

Invited Talk

Claire Gardent, LORIA, Nancy France

15.00-15.30

Coffee Break

Session 3 - Semantic Analysis

15.30-16.00

Enhancing Subword Embeddings with OpenN-grams

Csaba Veres and Paul Kapustin

16.00-16.20

Using BERT and Augmentation in Named Entity Recognition for Cybersecurity Domain

M. Tikhomirov, N. Loukachevitch, A. Sirotina, and B. Dobrov

16.20-16.50

Improving Named Entity Recognition for Biomedical and Patent Data using Bi-LSTM Deep Neural Network Models

Farag Saad, Hidir Aras and René Hackl-Sommer

16.50-17.10

A User-Centred Analysis of Explanations for a Multi-Component Semantic Parser

Juliano Efon Sales, André Freitas and Siegfried Handschuh

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Thursday, 25 June 2020

Session 4 - Personality, Affect, and Emotion (1)

9.00-9.30

The Role of Personality and Linguistic Patterns in Discriminating between Fake News Spreaders and Fact Checkers

Anastasia Giachanou, Esteban A. Ríssola, Bilal Ghanem, Fabio Crestani, and Paolo Rosso

9.30-10.00

Literary Natural Language Generation with Psychological Traits

Luis-Gil Moreno-Jiménez, Juan-Manuel Torres-Moreno, and Roseli S. Wedemann

10.00-10.20

Movies Emotional Analysis Using Textual Content

Amir Kazem Kayhani, Farid Meziane, and Raja Chiky

10.20-10.50

Coffee Break

Session 5 - Personality, Affect, and Emotion (2)

10.50-11.20

Combining Character and Word Embeddings for Affect in Arabic Informal Social Media Microblogs

Abdullah I. Alharbi and Mark Lee

11.20-11.50

Towards Explainability in Using Deep Learning for the Detection of Anorexia in Social Media

Hessam Amini and Leila Kosseim

11.50-13.45

Lunch Break

13.45-15.00

Invited Talk

Joseph van Genabith, DFKI GmbH, Saarbrücken, Germany

15.00-15.30

Coffee Break

Session 6 - Classification

15.30-16.00

Enhancement of Short Text Clustering by Iterative Classification

Md Rashadul Hasan Rakib, Norbert Zeh, Magdalena Jankowska, and Evangelos Milios

16.00-16.20

Improving Latent Dirichlet Allocation: On Reliability of the Novel Method LDAPrototype

Jonas Rieger, Jörg Rahnenführer, and Carsten Jentsch

16.20-16.40

Pattern Learning for Detecting Defect Reports and Improvement Requests in App Reviews

Gino V.H. Mangnoesing, Maria Mihaela Trusca, and Flavius Frasincar

16.40-17.00

Analysis and Multilabel Classification of Quebec Court Decisions in the Domain of Housing Law

Olivier Salain, Philippe Langlais, Andrés Lou, Hannes Westermann, and Karim Benyekhlef

17.00-17.30

Award Session

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Friday, 26 June 2020

Session 7 - Sentiment Analysis

9.00-9.30

A Position Aware Decay Weighted Network for Aspect based Sentiment Analysis

Avinash Madasu and Vijjini Anvesh Rao

9.30-10.00

Studying Attention Models in Sentiment Attitude Extraction Task

Nicolay Rusnachenko and Natalia Loukachevitch

10.00-10.20

A Sentiwordnet Strategy for Curriculum Learning in Sentiment Analysis

Vijjini Anvesh Rao, Kaveri Anuranjana, and Radhika Mamidi

10.20-10.50

Coffee Break

Session 8 - Retrieval, Conversational Agents and Multimodal Analysis (1)

10.50-11.20

An Adaptive Response Matching Network for Ranking Multi-turn Chatbot Responses

Disen Wang and Hui Fang

11.20-11.50

Improving the Community Question Retrieval Performance Using Attention-based Siamese LSTM

Nouha Othman, Rim Faiz, and Kamel Smaili

11.50-13.45

Lunch Break

13.45-15.00

Invited Talk

Ehud Reiter, University of Aberdeen and Arria, UK

15.00-15.30

Coffee Break

Session 9 - Retrieval, Conversational Agents and Multimodal Analysis (2)

15.30-16.00

Jointly Linking Visual and Textual Entity Mentions with Background Knowledge

Shahi Dost, Luciano Serafini, Marco Rospocher, Lamberto Ballan, and Alessandro Sperduti

16.00-16.20

Human-in-the-Loop Conversation Agent for Customer Service

Peteris Paikens, Arturs Znotins, and Guntis Barzdins

16.20-16.50

Closing Ceremony and Outlook