

All times are Greenwich Mean Time (GMT)

DAY1 (1 September 2021)

Opening 7.00-7.15

Keynote speech 1 (7.15-8.15, Virtual Room 1 - Varna): Jing Jiang

Introduced by: Ruslan Mitkov

Challenges and Solutions for Answering Complex Questions and Conversational Questions from Knowledge Bases

(40-45 min presentation; 10 min Q & A)

Parallel sessions 1-4; regular papers; 8.15-9.55 GMT

(20 min presentation; 5 min Q & A)

Virtual Room 1 - Varna

Parallel Session 1: Author Profiling and Text Summarisation

Chair: Constantin Orasan

8.15-8.40 Abstractive Document Summarization with Word Embedding Reconstruction

Jingyi You, Chenlong Hu, Hidetaka Kamigaito, Hiroya Takamura and Manabu Okumura

8.40-9.05 Syntax Matters! Syntax-Controlled in Text Style Transfer

Roy Ka-Wei Lee, Zhiqiang Hu and Charu C. Aggarwal

9.05-9.30 A Psychologically Informed Part-of-Speech Analysis of Depression in Social Media

Ana-Maria Bucur, Ioana R. Podina and Liviu P. Dinu

9.30-9.55 Big Five Personality Trait Identification Using the Russian Feature Extraction Toolkit

James R. Hull, Valerie Novak, C. Anton Rytting, Paul Rodrigues, Victor M. Frank and Matthew Swahn

Virtual Room 2 - Hissar

Parallel Session 2: Fact Checking and Information Extraction

Chair: Tsetomila Mihaylova

8.15-8.40 Tackling Multilinguality and Internationality in Fake News

Andrey T. Tagarev, Krasimira Bozhanova, Ivelina Nikolova-Koleva and Ivan B. Ivanov

8.40-9.05 NEREL: A Russian Dataset with Nested Named Entities, Relations and Events

Natalia Loukachevitch, Pavel Braslavski, Tatiana Batura, Suresh Manandhar, Vladimir Ivanov, Elena Tutubalina, Ilia Denisov, Ekaterina Artemova and Alexander Pugachev

9.05-9.30 COVID-19 in Bulgarian Social Media: Factuality, Harmfulness, Propaganda, and Framing

Preslav Nakov, Firoj Alam, Shaden Shaar, Giovanni Da San Martino and Yifan Zhang

9.30-9.55 Event prominence extraction combining a knowledge-based syntactic parser and a BERT classifier for Dutch

Thierry Virgile Desot, Orphee De Clercq and Veronique Hoste

Virtual Room 3 - Borovets

Parallel Session 3: Offensive Language Detection and Opinion Mining

Chair: Tharindu Ranasinghe Hettiarachchige

8.15-8.40 Making Your Tweets More Fancy: Emoji Insertion to Texts

Jingun Kwon, Naoki Kobayashi, Hidetaka Kamigaito, Hiroya Takamura and Manabu Okumura

8.40-9.05 ROFF - A Romanian Twitter Dataset for Offensive Language

Mihai Manolescu and Çağrı Çöltekin

9.05-9.30 OffendES: A New Corpus in Spanish for Offensive Language Research

Flor Miriam Plaza del Arco, Arturo Montejo-Ráez, Alfonso Ureña-López and Maite Martin

9.30-9.55 Investigating Annotator Bias in Abusive Language Datasets

Maximilian Wich, Christian Widmer, Gerhard Hagerer and Georg Groh

Virtual Room 4 - Rodopi

Parallel Session 4: Machine Translation

Chair: Josef van Genabith

8.15-8.40 Transformer with Syntactic Position Encoding for Machine Translation

Yikuan Xie, Wenyong Wang, Mingqian Du and Qing He

8.40-9.05 Multilingual Multi-Domain NMT for Indian languages

Sourav Kumar, Salil Aggarwal and Dipti Sharma

9.05-9.30 Towards Precise Lexicon Integration in Neural Machine Translation

Ogün Öz and Maria Sukhareva

9.30-9.55 Tracing Source Language Interference in Translation with Graph-Isomorphism Measures

Koel Dutta Chowdhury, Cristina España-Bonet and Josef van Genabith

Coffee break 10-10.30 GMT

Parallel sessions 5-8; short papers; 10.30-11.50 GMT

(15 min presentation; 5 min Q &A)

Virtual Room 1 - Varna

Parallel session 5: Author Profiling, Sentiment Analysis

Chair: Raheem Sarwar

10.30-10.50 Tell Me What You Read – Automatic Expertise-Based Annotator Assignment for Text Annotation in Expert Domains

Hiyori Yoshikawa, Tomoya Iwakura, Kimi Kaneko, Hiroaki Yoshida, Yasutaka Kumano, Kazutaka Shimada, Rafal Rzepka and Patrycja Świczekowska

10.50-11.10 Assessing Correlations Between Personality Predictive Lexical Cues

Xiaoli He and Gerard de Melo

11.10-11.30 Opinion Prediction with User Fingerprinting

Kishore Tumarada, Yifan Zhang, Fan Yang, Eduard Dragut, Omprakash Gnawali and Arjun Mukherjee

11.30-11.50 How to Obtain Reliable Labels for MBTI Classification from Texts?
Sanja Stajner and Seren Yenikent

Virtual Room 2 - Hissar

Parallel session 6: Fact Checking

Chair: Andrey Tagarev

10.30-10.50 Monitoring fact preservation, grammatical consistency and ethical behaviour of abstractive summarization neural models
Iva Marinova, Yolina Atanasova Petrova, Ivaylo Radev, Milena Slavcheva, Kiril Simov and Petya Osenova

10.50-11.10 Predicting the Factuality of Reporting of News Media Using Observations About User Attention in Their YouTube Channels
Krasimira Bozhanova, Yoan Dinkov, Ivan K. Koychev, Maria Castaldo, Tommaso Venturini and Preslav Nakov

11.10-11.30 A Second Pandemic? Analysis of Fake News About COVID-19 Vaccines in Qatar
Preslav Nakov, Firoj Alam, Shaden Shaar, Giovanni Da San Martino and Yifan Zhang

11.30-11.50 Recognizing and Splitting Conditional Sentences for Automation of Business Processes Management
Ngoc Phuoc An Vo, Irene Manotas, Octavian Popescu, Algimantas Černiauskas and Vadim Sheinin

Virtual Room 3 - Borovets

Parallel session 7: Multimodal Systems and Biomedical Research

Chair: Svetla Boytcheva

10.30-10.50 Relation Extraction using Multiple Pre-Training Models in Biomedical Domain
Satoshi Hiai, Kazutaka Shimada, Taiki Watanabe, Akiva Miura and Tomoya Iwakura

10.50-11.10 Learning Entity-Likeness with Multiple Approximate Matches for Biomedical NER
An Nguyen Le, Hajime Morita and Tomoya Iwakura

11.10-11.30 170 Extending a Text-to-Pictograph system to French and to Arasaac
Magali Norré, Vincent Vandeghinste, Pierrette Bouillon and Thomas François

11.30-11.50 Multilingual Epidemic event extraction : from simple classification methods to open information extraction (OIE) and Ontology
Sihem Sahnoun and Gaël Lejeune

Virtual Room 4 - Rodopi

Parallel session 8: Representation Learning

Chair: Burcu Can

10.30-10.50 Character-based Thai Word Segmentation with Multiple Attentions
Thodsaporn Chay-intr, Hidetaka Kamigaito and Manabu Okumura

10.50-11.10 Improving Character-Aware Neural Language Model by Warming Up Character Encoder under Skip-gram Architecture
Yukun Feng, Chenlong Hu, Hidetaka Kamigaito, Hiroya Takamura and Manabu Okumura

11.10-11.30 Sentence Structure and Word Relationship Modeling for Emphasis Selection
Haoran Yang and Wai Lam

11.30-11.50 Domain-Specific Japanese ELECTRA Model Using a Small Corpus
Youki Itoh and Hiroyuki Shinnou

Lunch break 11.50-13.00 GMT

Keynote speech 2 (13.00-14.00, Virtual Room 1 - Varna): Josef van Genabith and Nico Herbig

Introduced by: Galia Angelova

MMPE: A Multi-Modal Interface for Post-Editing Machine Translation
(40-45 min presentation; 10 min Q & A)

Parallel sessions 9-12; short papers; 14.00-15.00 GMT

(15 min presentation; 5 min Q & A)

Virtual Room 1 - Varna

Parallel session 9: Question Answering and Dialogue Systems

Chair: Tsvetomila Mihaylova

14.00-14.20 Addressing Slot-Value Changes in Task-oriented Dialogue Systems Through Dialogue Domain Adaptation
Tiziano Labruna and Bernardo Magnini

14.20-14.40 Evaluating Recognizing Question Entailment Methods for a Portuguese Community Question-Answering system about Diabetes Mellitus
Thiago Castro Ferreira, João Victor de Pinho Costa, Isabela Rigotto, Vitoria Portella, Gabriel Frota, Ana Luisa A. R. Guimarães, Adalberto Penna, Isabela Lee, Tayane A. Soares, Sophia Rolim, Rossana Cunha, Celso França, Ariel Santos, Riva Felix, Abisague Langbehn, Daniel Dalip, Marcos Andre Gonçalves, Rodrigo Bastos Fóscolo and Adriana Pagano

14.40-15.00 Decoupled Transformer for Scalable Inference in Open-domain Question Answering
Stanislav Peshterliev and Haytham Elfdaeel

Virtual Room 2 - Hissar

Parallel session 10: NER and MWE

Chair: Jean-Pierre Colson

14.00-14.20 Learning and Evaluating Chinese Idiom Embeddings
Minghuan Tan and Jing Jiang

14.20-14.40 The Impact of Text Normalization on Multiword Expressions Discovery in Persian
Katarzyna Marszałek-Kowalewska

14.40-15.00 BERT-PersNER: a New Model for Persian Named Entity Recognition
Farane Jalali Farahani and Gholamreza Ghassem-Sani

Virtual Room 3 - Borovets

Parallel session 11: Word Sense Disambiguation, Relations Extraction and Word Associations

Chair: Aina Gari Soler

14.00-14.20 A Hierarchical Entity Graph Convolutional Network for Relation Extraction across Documents

Tapas Nayak and Hwee Tou Ng

14.20-14.40 Semi-Supervised and Unsupervised Sense Annotation via Translations

Bradley Hauer, Grzegorz Kondrak, Yixing Luan, Arnob Mallik and Lili Mou

14.40-15.00 Syntax and Themes: How Context Free Grammar Rules and Semantic Word Association Influence Book Success

Henry Gorelick, Biddut Sarker Bijoy, Syeda Jannatus Saba, Sudipta Kar, Md Saiful Islam and Mohammad Ruhul Amin

Virtual Room 4 - Rodopi

Parallel session 12: Sentiment Analysis and Information Extraction

Chair: Burcu Can

14.00-14.20 RED: A Novel Dataset for Romanian Emotion Detection from Tweets

Alexandra Ciobotaru and Liviu P. Dinu

14.20-14.40 Frustration Level Annotation in Latvian Tweets with Non-Lexical Means of Expression

Viktorija Leonova and Janis Zuters

14.40-15.00 Fine-tuning Neural Language Models for Multidimensional Opinion Mining of English-Maltese Social Data

Keith Cortis and Brian Davis

Coffee break 15.00-15.30

Parallel sessions 13-16; poster papers; 15.30-16.30 GMT

(5 min presentation, 10 min Q&A)

Virtual Room 1 - Varna

Parallel session 13: Sentiment Analysis

Chair: Ivan Koychev

15.30-15.45 Towards Sentiment Analysis of Tobacco Products' Usage in Social Media

Venkata Himakar Yanamandra, Kartikey Pant and Radhika Mamidi

15.45-16.00 Sentiment Analysis in Code-Mixed Telugu-English Text with Unsupervised Data Normalization

Siva Subrahmanyam Varma Kusampudi, Preetham Sathineni and Radhika Mamidi

16.00-16.15 Strategies for Obtaining Gold Labels for Emotion Detection in Twitter and their Influence on Classification Results

Sanja Stajner

16.15-16.30 Probabilistic Ensembles of Zero- and Few-Shot Learning Models for Emotion Classification

Angelo Basile, Guillermo Pérez-Torró and Marc Franco-Salvador

Virtual Room 2 - Hissar

Parallel session 14: Fact Checking

Chair: Firoj Alam

15.30-15.45 Interpretable Propaganda Detection in News Articles

Seunghak Yu, Giovanni Da San Martino, Mitra Mohtarami, James Glass and Preslav Nakov

15.45-16.00 Mistake captioning: A machine learning approach for detecting student mistakes and generating instructive feedback

Anton Vinogradov and Brent Harrison

16.00-16.15 Masking and Transformer-based Models for Hyperpartisanship Detection in News

Juan Javier Sánchez Junquera, Paolo Rosso, Manuel Montes and Simone Paolo Ponzetto

16.15-16.30 Can Multilingual Transformers Fight the COVID-19 Infodemic?

Lasitha Randunu Chandrakantha Uyangodage, Tharindu Ranasinghe and Hansi Hettiarachchi

Virtual Room 3 - Borovets

Parallel session 15: NER, MWE and Mixed Code

Chair: Thamar Solorio

15.30-15.45 ComboNER: a lightweight all-in-one POS tagger, dependency parser and NER

Aleksander Wawer

15.45-16.00 Discovery of Multiword Expressions with Loanwords and their Equivalentents in the Persian Language

Katarzyna Marszałek-Kowalewska

16.00-16.15 TUNER: Named Entity Recognition system for Tunisian Dialect

Asma Mekki, Inès Zribi, Mariem Ellouze and Lamia Hadrich-Belguith

16.15-16.30 A Pre-trained Transformer and CNN model with Joint Language ID and Part-of-Speech Tagging for Code-Mixed Social-Media Text

Suman Dowlagar and Radhika Mamidi

Virtual Room 4 - Rodopi

Parallel session 16: Author Profiling, Plagiarism, Topic Models and Coreference

Chair: Michael Oakes

15.30-15.45 A Multi-Pass Sieve coreference Resolution for Indonesian

Valentina Kania Prameswara Artari, Rahmad Mahendra, Meganingrum Arista Jiwanggi, Adityo Anggraito and Indra Budi

15.45-16.00 An Empirical Analysis of Topic Models: Uncovering the Relationships between Hyperparameters, Document Length and Performance Measures
Silvia Terragni and Elisabetta Fersini

16.00-16.15 English-Arabic Cross-language Plagiarism Detection
Naif Mutlaq Alotaibi and Mike Joy

16.15-16.30 A Call for Clarity in Contemporary Authorship Attribution Evaluation
Allen Riddell, Haining Wang and Patrick Juola

Keynote speech 3 (16.35-17.35, Virtual Room 1 - Varna): Ed Hovy
Introduced by: Ruslan Mitkov

NLP: the Past and 3 ½ Futures
(40-45 min presentation; 10 min Q & A)

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DAY2 (2 September 2021)

Keynote speech 4 (7.00-8.00, Virtual Room 1 - Varna): Hwee Tou Ng

Introduced by: Galia Angelova

Grammatical Error Correction: Where Have We Been? Where Are We Going?
(40-45 min presentation; 10 min Q & A)

Parallel sessions 17-20; short papers; 8.00-9.40 GMT

(short papers 15 min presentation; 5 min Q & A)

Virtual Room 1 - Varna

Parallel Session 17: Discourse: Argument Structure and Relation Extraction

Chair: Cengiz Acarturk

8.00-8.20 Discussion Structure Prediction Based on Two-step Method
Takumi Himeno and Kazutaka Shimada

8.20-8.40 Improving Distantly Supervised Relation Extraction with Self-Ensemble Noise Filtering
Tapas Nayak, Navonil Majumder and Soujanya Poria

8.40-9.00 "Don't discuss": Investigating Semantic and Argumentative Features for Supervised Propagandist Message Detection and Classification
Vorakit Vorakitphan, Elena Cabrio and Serena Villata

9.00-9.20 Graph-based Argument Quality Assessment
Ekaterina Saveleva, Volha Petukhova, Marius Mosbach and Dietrich Klakow

Virtual Room 2 - Hissar

Parallel Session 18: Sentiment Analysis and Information Extraction

Chair: Petya Osenova

8.00-8.20 TEASER: Towards Efficient Aspect-based SEntiment analysis and Recognition
Vaibhav Bajaj, Kartikey Pant, Srinath Nair, Ishan Sanjeev Upadhyay and Radhika Mamidi

8.20-8.40 Are the Multilingual Models Better? Improving Czech Sentiment with Transformers
Pavel Přibáň and Josef Steinberger

8.40-9.00 Interactive Learning Approach for Arabic Target-Based Sentiment Analysis
Husamelddin Balla, Sarah Jane Delany and Marisa Salvador

9.00-9.20 Semantic-Based Opinion Summarization
Marcio Inácio and Thiago Pardo

Virtual Room 3 - Borovets

Parallel Session 19: Machine Translation and Multilingualism

Chair: Sheila Castilho

8.00-8.20 Generic Mechanism for Reducing Repetitions in Encoder-Decoder Models

Ying Zhang, Hidetaka Kamigaito, Tatsuya Aoki, Hiroya Takamura and Manabu Okumura

8.20-8.40 A Dynamic Head Importance Computation Mechanism for Neural Machine Translation
Akshay Goindani and Manish Shrivastava

8.40-9.00 Efficient Multilingual Text Classification for Indian languages
Salil Aggarwal, Sourav Kumar and Radhika Mamidi

9.00-9.20 Multilingual Coreference Resolution with Harmonized Annotations
Ondřej Pražák, Miloslav Konopik and Jakub Sido

9.20-9.40 On Machine Translation of User Reviews
Maja Popović, Alberto Poncelas, Marija Brkic and Andy Way

Virtual Room 4 - Rodopi

Parallel Session 20: Text Categorisation

Chair: Victoria Bobicev

8.00-8.20 Application of Mix-Up Method in Document Classification Task using BERT
Naoki Kikuta and Hiroyuki Shinnou

8.20-8.40 Yggdrasil - Explainable Identification of Cybersecurity Vulnerabilities from News Articles
Pierre Frode de la Foret, Stefan Ruseti, Cristian Sandescu, Mihai Dascalu and Sebastien Travadel

8.40-9.00 Multi-label Diagnosis Classification of Swedish Discharge Summaries – ICD-10 Code Assignment Using KB-BERT
Sonja Remmer, Anastasios Lamproudis and Hercules Dalianis

9.00-9.20 Towards task-agnostic privacy- and utility-preserving models
Yaroslav Emelyanov

Virtual Room 5 - Students

Parallel session 49 (Student workshop): Best Papers

Chair: Ruslan Mitkov

(15 min presentation; 10 min Q &A)

8.00-8.25 Text Preprocessing and its Implications in a Digital Humanities Project
Maria Kunilovskaya and Alistair Plum

8.25-8.50 Paragraph Similarity Matches for Generating Multiple-choice Test Items
Halyna Maslak and Ruslan Mitkov

8.50-9.15 Building a corporate corpus for threads constitution
Lionel Tadonfouet Tadjou, Fabrice Bourge, Tiphaine Marie, Laurent Romary and Éric de la Clergerie

9.15-9.40 SiPOS: A Benchmark Dataset for Sindhi Part-of-Speech Tagging
Wazir Ali, Zenglin Xu and Jay Kumar

Coffee break 9.45-10.15

Parallel sessions 21-24; regular papers; 10.15-11.55 GMT

(regular papers 20 min presentation; 5 min Q &A)

Virtual Room 1 - Varna

Parallel Session 21: BERT for Multilingual and Multiword NLP, Machine Translation

Chair: Johanna Monti

10.15-10.40 Does BERT Understand Idioms? A Probing-Based Empirical Study of BERT Encodings of Idioms

Minghuan Tan and Jing Jiang

10.40-11.05 Multilingual EuroVoc Document Classification Using BERT Models

Andrei-Marius Avram, Vasile Pais and Dan Tufis

11.05-11.30 Sentiment-Aware Measure (SAM) for Evaluating Sentiment Transfer by Machine Translation Systems

Hadeel Saadany, Constantin Orasan and Emad Mohamed

11.30-11.55 Online Learning over Time in Adaptive Neural Machine Translation *Thierry*

Etchegoyhen, David Ponce, Harritxu Gete and Victor Ruiz

Virtual Room 2 - Hissar

Parallel Session 22: Corpus Building and Annotation Tools

Chair: Petya Osenova

10.15-10.40 Corpus Creation and Language Identification in Low-Resource Code-Mixed Telugu-English Text

Siva Subrahmanyam Varma Kusampudi, Anudeep Chaluvadi and Radhika Mamidi

10.40-11.05 Litescale: A Lightweight Tool for Best-worst Scaling Annotation

Valerio Basile and Christian Cagnazzo

11.05-11.30 Towards a Better Understanding of Noise in Natural Language Processing

Khetam Al Sharou, Zhenhao Li and Lucia Specia

11.30-11.55 Spelling Correction for Russian: A Comparative Study of Datasets and Methods

Alla Rozovskaya

Virtual Room 3 - Borovets

Parallel Session 23: Knowledge Discovery and Language Models

Chair: Rafael Muñoz

10.15-10.40 Multiple Teacher Distillation for Robust and Greener Models

Artur Ilichev, Nikita Sorokin, Irina Piontkovskaya and Valentin Malykh

10.40-11.05 Czert – Czech BERT-like Model for Language Representation

Jakub Sido, Ondřej Pražák, Miloslav Konopik, Pavel Příbání, Michal Seják and Jan Pašek

11.05-11.30 Knowledge Discovery in COVID-19 Research Literature

Ernesto Luis Estevanell-Valladares, Suilan Estevez-Velarde, Alejandro Piad-Morffis, Yoan Gutierrez, Andres Montoyo, Rafael Muñoz and Yudivián Almeida Cruz

11.30-11.55 Active Learning for Assisted Corpus Construction: A Case Study in Knowledge Discovery from Biomedical Text

Hian Cañizares-Díaz, Alejandro Piad-Morffis, Suilan Estevez-Velarde, Yoan Gutiérrez, Yudivián Almeida Cruz, Andres Montoyo and Rafael Muñoz-Guillena

Virtual Room 4 - Rodopi

Parallel Session 24: Code-Mixing, Text Generation and Translation

Chair: Tharindu Ranasinghe Hettiarachchige

10.15-10.40 A New Quality Estimation Approach to Machine Translation

Benyamin Ahmadnia and Bonnie Jean Dorr

10.40-11.05 Classification of Code-Mixed Text using Capsule Networks

Shanaka Chathuranga and Surangika Ranathunga

11.05-11.30 Translation Memory Retrieval Using Lucene

Kwang-hyok Kim, Chol-ho Ryang, Ju-song Im, Song-yong Cho and Yong-jun Han

11.30-11.55 AutoChart: A Dataset for Chart-to-Text Generation Task

Roy Ka-Wei Lee, Jiawen Zhu, Jinye Ran, Zhi Li and Kenny Choo

Virtual Room 5 - Students

Parallel Session 50 (Student workshop): Deep Learning for NLP

Chair: Tsvetomila Mihaylova

(10 min presentation, 5 min Q&A)

10:15-10:30 BioCopy: A Plug-And-Play Span Copy Mechanism in Seq2Seq Models

Yi Liu, Guoan Zhang, Puning Yu, Jianlin Su and Shengfeng Pan

10:30-10:45 On Reducing Repetition in Abstractive Summarization

Pranav Ajit Nair and Anil Kumar Singh

10:45-11:00 Improving Abstractive Summarization with Commonsense Knowledge

Pranav Ajit Nair and Anil Kumar Singh

11:00-11:15 Implementation of two seq2seq models for segmentation, punctuation and capitalisation prediction

Isabel Olmos Canovas, Tatjana Kuznetsova and Zane Makejeva

11:15-11:30 Towards a Language Model for Temporal Commonsense Reasoning

Mayuko Kimura, Lis Kanashiro Pereira and Ichiro Kobayashi

11:30-11:45 Disambiguating Grammatical Number and Gender With BERT

Annegret Janzso

11:45-12:00 Question answering in Natural Language: the Special Case of Temporal Expressions

Armand Stricker

Lunch break 12.00-13.00 GMT

**Keynote speech 5 (13.00-14.00, Virtual Room 1 - Varna): Constantin Orasan
Introduced by: Ruslan Mitkov**

Challenges in Translation of Sentiments and Emotions in User Generated Content
(40-45 min presentation; 10 min Q & A)

Parallel sessions 25-28; poster papers; 14.00-15.00 GMT

(poster papers; 5 min presentation, 10 min Q&A)

Virtual Room 1 - Varna

Parallel Session 25: Language Variation, Simplification and Readability

Chair: Richard Evans

14.00-14.15 Knowledge-Rich BERT Embeddings for Readability Assessment
Joseph Marvin Imperial

14.15-14.30 Fiction in Russian translation: A translationese study
Maria Kunilovskaya, Ekaterina Lapshinova-Koltunski and Ruslan Mitkov

14.30-14.45 FrenLyS: a tool for the automatic simplification of French general language texts
Eva Rolin, Quentin Langlois, Patrick Watrin and Thomas François

14.45-15.00 Varieties of Plain Language
Allen Riddell and Yohei Igarashi

Virtual Room 2 - Hissar

Parallel Session 26: Sentiment analysis and Offensive Language Detection

Chair: Burcu Can

14.00-14.15 On the Interaction between Annotation Quality and Classifier Performance in Abusive Language Detection
Holly L. Lopez Long, Sandra Kübler and Alexandra Christine O'Neil

14.15-14.30 Semi-Supervised Learning for Sentiment Analysis with XAI based Auto-generated Lexicon
Hohyun Hwang and Younghoon Lee

14.30-14.45 Unknown Intent Detection using Multi-Objective Optimization on Deep Learning Classifiers
Prerna Prem, Zishan Ahmad, Asif Ekbal, Shubhashis Sengupta, Sakshi C. Jain and Roshni Ramnani

14.45-15.00 A lexicon for profane and obscene text identification in Bengali
Salim Sazzed

Virtual Room 3 - Borovets

Parallel Session 27: Information Extraction

Chair: Svetla Boytcheva

14.00-14.15 InFoBERT: Zero-Shot Approach to Natural Language Understanding Using Contextualized Word Embedding

Pavel Burnyshev, Andrey Bout, Valentin Malykh and Irina Piontkovskaya

14.15-14.30 Active learning for interactive relation extraction in a French newspaper's articles

Cyrielle Mallart, Guillaume Gravier, Michel Le Nouy and Pascale Sébillot

14.30-14.45 Predicting informativeness of semantic triples

Judita Preiss

14.45-15.00 A Deep Learning System for Automatic Extraction of Typological Linguistic Information from Descriptive Grammars

Shafqat Mumtaz Virk, Daniel Foster and Raheela Saleem

Virtual Room 4 - Rodopi

Parallel Session 28: Machine Translation

Chair: Vilelmini Sosoni

14.00-14.15 Neural Machine Translation for Sinhala-English Code-Mixed Text

Archchana Kugathasan and Sagara Sumathipala

14.15-14.30 Domain Adaptation for Hindi-Telugu Machine Translation using Domain Specific Back Translation

Hema Ala, Vandan Vasantlal Mujadia and Dipti Sharma

14.30-14.45 Enriching the Transformer with Linguistic Factors for Low-Resource Machine Translation

Jordi Armengol-Estapé, Marta R. Costa-jussà and Carlos Escolano

14.45-15.00 Cross-Lingual Wolastoqey-English Definition Modelling

Diego Thorn Bear and Paul Cook

Coffee Break 15.00-15.30

Parallel sessions 29-32; poster papers; 15.30-16.30 GMT

(poster papers; 5 min presentation, 10 min Q&A)

Virtual Room 1 - Varna

Parallel Session 29: Opinion Mining

Chair: Preslav Nakov

15.30-15.45 Towards Quantifying Magnitude of Political Bias in News Articles using a Novel Annotation Schema

Lalitha Kameswari and Radhika Mamidi

15.45-16.00 A hybrid approach and comparative linguistic analysis of opinion mining in restaurant reviews

Salim Sazzed

16.00-16.15 On the Usefulness of Personality Traits in Opinion-oriented Tasks

Marjan Hosseinia, Eduard Dragut, Dainis Boumber and Arjun Mukherjee

16.15-16.30 Ranking online reviews based on their helpfulness: an unsupervised approach
Alimuddin Melleng, Anna Jurek-Loughrey and Deepak P

Virtual Room 2 - Hissar

Parallel Session 30: Word-Sense Disambiguation and Learner Vocabularies

Chair: Rozane Rebechi

15.30-15.45 Text Retrieval for Language Learners: Graded Vocabulary vs. Open Learner Model
John Lee and Chak Yan Yeung

15.45-16.00 Word discriminations for vocabulary inventory prediction
Frankie Robertson

16.00-16.15 ArabGlossBERT: Fine-Tuning BERT on Context-Gloss Pairs for WSD
Moustafa Al-Hajj and Mustafa Jarrar

16.15-16.30 Now, It's Personal : The Need for Personalized Word Sense Disambiguation
Milton King and Paul Cook

Virtual Room 3 - Borovets

Parallel Session 31: Similarity Measures

Chair: Burcu Can

15.30-15.45 Metric Learning in Multilingual Sentence Similarity Measurement for Document Alignment
Charith Rajitha, Lakmali Piyarathna, Dilan Sachintha and Surangika Ranathunga

15.45-16.00 Evaluation Datasets for Cross-lingual Semantic Textual Similarity
Tomáš Hercig and Pavel Kral

16.00-16.15 Are Language-Agnostic Sentence REpresentations actually Language-Agnostic?
Yu Chen and Tania Avgustinova

16.15-16.30 Assessing the Eligibility of Backtranslated Samples Based on Semantic Similarity for the Paraphrase Identification Task
Jean-Philippe Corbeil and Hadi Abdi Ghavidel

Virtual Room 4 - Rodopi

Parallel Session 32: NLP for the medical domain

Chair: Galia Angelova

15.30-15.45 Automatic Detection and Classification of Mental Illnesses from General Social Media Texts
Anca Dinu and Andreea Codrina Moldovan

15.45-16.00 Multilingual Learning for Mild Cognitive Impairment Screening from a Clinical Speech Task
Hali Lindsay, Philipp Müller, Insa Kröger, Johannes Tröger, Nicklas Linz, Alexandra König, Radia Zeghari, Inez HGB Ramakers and Frans RJ Verhey

16.00-16.15 Developing a Clinical Language Model for Swedish: Continued Pretraining of Generic BERT with In-Domain Data

Anastasios Lamproudis, Aron Henriksson and Hercules Dalianis

16.15-16.30 Comparative Analysis of Fine-tuned Deep Learning Language Models for ICD-10 classification task for Bulgarian Language

Boris Velichkov, Sylvia Vassileva, Simeon Gerginov, Boris Kraychev, Ivaylo Ivanov, Philip Ivanov, Ivan Koychev and Svetla Boytcheva

Keynote speech 6 (16.35-17.35, Virtual Room 1 - Varna): He He
Introduced by: Ruslan Mitkov

Towards reliable neural text generation
(40-45 min presentation; 10 min Q & A)

All times are Greenwich Mean Time (GMT)

DAY3 (3 September 2021)

Keynote speech 7 (7.00-8.00, Virtual Room 1 - Varna): Tim Baldwin

Introduced by: Galia Angelova

Reevaluating Summarisation Evaluation

(40-45 min presentation; 10 min Q & A)

Parallel sessions 33-36; regular papers and posters; 8.00-9.40 GMT

Virtual Room 1 - Varna

Parallel Session 33: Topic Modelling

Chair: Raheem Sarwar

(regular papers: 20 min presentation; 5 min Q & A)

8.00-8.25 Apples to Apples: A Systematic Evaluation of Topic Models

Ismail Harrando, Pasquale Lisena and Raphael Troncy

8.25-8.50 SocialVisTUM: An Interactive Visualization Toolkit for Correlated Neural Topic Models on Social Media Opinion Mining

Gerhard Hagerer, Martin Kirchhoff, Hannah Danner, Robert Pesch, Mainak Ghosh, Archishman Roy, Jiayi Zhao and Georg Groh

8.50-9.15 Not All Comments are Equal: Insights into Comment Moderation from a Topic-Aware Model

Elaine Zosa, Ravi Shekhar, Mladen Karan and Matthew Purver

9.15-9.40 Cultural topic modelling over Wikipedia corpora for South-Slavic languages

Filip Markoski, Elena Markoska, Nikola Ljubešić, Eftim Zdravevski and Ljupco Kocarev

Virtual Room 2 - Hissar

Parallel Session 34: Question Answering

Chair: Tsvetomila Mihaylova

(regular papers: 20 min presentation; 5 min Q & A)

8.00-8.25 On Generating Fact-Infused Question Variations

Sujatha Das Gollapalli, Arthur Deschamps and See-Kiong Ng

8.25-8.50 Relying on Discourse Analysis to Answer Complex Questions by Neural Machine Reading Comprehension

Boris Galitsky, Dmitry Ilvovsky and Elizaveta Goncharova

8.50-9.15 Towards the application of calibrated Transformers to the unsupervised estimation of question difficulty from text

Ekaterina Loginova, Luca Benedetto, Dries Benoit and Paolo Cremonesi

9.15-9.40 On the Usability of Transformers-based models for a French Question-Answering task

Oralie Cattani, Christophe Servan and Sophie Rosset

Virtual Room 3 - Borovets

Parallel Session 35: Corpora and Ontologies

Chair: Svetla Boytcheva

(poster papers; 5 min presentation, 10 min Q&A)

8.00-8.15 Multilingual Image Corpus: Annotation Protocol

Svetla Koeva

8.15-8.30 Ontology Population Reusing Resources for Dialogue Intent Detection: Generic and Multilingual Approach

Christina Aceta Moreno, Izaskun Fernández, Aitor Soroa

8.30-8.45 A data-driven semi-automatic framenet development methodology

Shafqat Mumtaz Virk, Dana Dannells, Lars Borin and Markus Forsberg

8.45-9.00 Towards an Etymological Map of Romanian

Alina Maria Cristea, Anca Dinu, Liviu P. Dinu, Simona Georgescu, Ana Sabina Uban and Laurentiu Zoicas

9.00-9.15 Xxxx: a multi-label corpus of French tweets for language register characterization

Jade Mekki, Delphine Battistelli, Nicolas Béchet and Gwénolé Lecorvé

Virtual Room 4 - Rodopi

Parallel Session 36: Language Models and Dialogue Acts

Chair: Michael Oakes

(poster papers; 5 min presentation, 10 min Q&A)

8.00-8.15 Pre-training a BERT with Curriculum Learning by Increasing Block-Size of Input Text

Koichi Nagatsuka, Clifford Broni-Bediako and Masayasu Atsumi

8.15-8.30 Behavior of modern pre-trained language models using the example of probing tasks

Ekaterina Valerievna Kalyaeva, Oleg Vladimirovich Durandin and Alexey Yurievich Malafeev

8.30-8.45 Solving SCAN tasks with data augmentation and input embeddings

Michal Auersperger

8.45-9.00 Utterance Position-Aware Dialogue Act Recognition

Yuki Yano, Akihiro Tamura, Takashi Ninomiya and Hiroaki Obayashi

9.00-9.15 Watching a language model learning chess

Andreas Stöckl

9.15-9.30 One Size Does Not Fit All: Finding the Optimal Subword Sizes for FastText Models across Languages

Vít Novotný, Eniafe Festus Ayetiran, Dalibor Bačovský, Dávid Lupták, Michal Štefánik and Petr Sojka

Virtual Room 5 - Students

Parallel Session 51 (Student workshop): Language Resources and Corpora. Machine Translation and Translation Memories

Chair: Souhila Djabri

(10 min presentation, 5 min Q&A)

8.00-8.15 Bilingual Terminology Extraction Using Neural Word Embeddings on Comparable Corpora

Darya Filippova, Burcu Can and Gloria Corpas Pastor

8.15-8.30 Compiling a specialised corpus for translation research in the environmental domain

Anastasiia Laktionova

8.30-8.45 Using Transfer Learning to Automatically Mark L2 Writing Texts

Tim J. Elks

8.45-9:00 Towards Code-Mixed Dialogue Generation

Vibhav Agarwal, Pooja S. B. Rao and Dinesh Babu Jayagopi

9:00-9:15 Hinglish to English Machine Translation using Multilingual Transformers

Vibhav Agarwal, Pooja S. B. Rao and Dinesh Babu Jayagopi

9:15-9:30 Towards new generation Translation Memory systems

Nikola Spasovski and Ruslan Mitkov

9:30-9:45 Introducing linguistic transformation to improve translation memory retrieval. Results of a professional translators' survey for Spanish, French and Arabic

Souhila Djabri and Rocío Caro Quintana

Coffee Break 9.40-10.15

Parallel sessions 37-40; short papers; 10.15-12:00 GMT

(15 min presentation; 5 min Q &A)

Virtual Room 1 - Varna

Parallel Session 37: Language Tools: Error Correction, Treebanking and Phonetics

Chair: Petya Osenova

10.15-10.35 System Combination for Grammatical Error Correction Based on Integer Programming

Ruixi Lin and Hwee Tou Ng

10.35-10.55 ELERRANT: Automatic Grammatical Error Type Classification for Greek

Katerina Korre, Marita Chatzipanagiotou and John Pavlopoulos

10.55-11.15 From Constituency to UD-Style Dependency: Building the First Conversion Tool of Turkish

Aslı Kuzgun, Neslihan Cesur, Büşra Marşan, Arife Betül Yenice, Ezgi Sanyar, Oguzhan Kuyrukçu, Oğuz Kerem Yıldız and Olcay Taner Yıldız

11.15-11.35 incom.py 2.0 - Calculating Linguistic Distances and Asymmetries in Auditory Perception of Closely Related Languages

Marius Mosbach, Irina Stenger, Tania Avgustinova, Bernd Möbius and Dietrich Klakow

11.35-11.55 BPoMP: The Benchmark of Poetic Minimal Pairs -- Limericks, Rhyme, and Narrative Coherence

Almas Abdibayev, Allen Riddell and Dan Rockmore

Virtual Room 2 - Hissar

Parallel Session 38: Named Entity Recognition

Chair: Pablo Calleja

10.15-10.35 Improving Neural Language Processing with Named Entities
Kyomoto Matsushita, Takuya Makino and Tomoya Iwakura

10.35-10.55 Serbian NER & Beyond: The Archaic and the Modern Intertwined
Branislava Šandrih Todorović, Cvetana Krstev, Ranka Stanković and Milica Ikonić Nešić

10.55-11.15 TR-SEQ: Named Entity Recognition Dataset for Turkish Search Engine Queries
Berkay Topçu and İlknur Durgar El-Kahlout

11.15-11.35 Transfer-based enrichment of a Hungarian named entity dataset
Attila Novák and Borbála Novák

11.35-11.55 Transfer learning for Czech Historical Named Entity Recognition
Helena Hubková and Pavel Kral

Virtual Room 3 - Borovets

Parallel Session 39: Discourse: Genres, Style and Offensive Language Detection

Chair: Maria Kunilovskaya

10.15-10.35 A Semi-Supervised Approach to Detect Toxic Comments
Ghivvago Damas Saraiva, Rafael Anchiêta, Francisco Assis Ricarte Neto and Raimundo Moura

10.35-10.55 62 Cross-lingual Offensive Language Identification for Low Resource Languages: The Case of Marathi
Saurabh Sampatrao Gaikwad, Tharindu Ranasinghe, Marcos Zampieri and Christopher Homan

10.55-11.15 Comparing Supervised Machine Learning Techniques for Genre Analysis in Software Engineering Research Articles
Felipe Araújo de Britto, Thiago Castro Ferreira, Leonardo Nunes and Fernando Silva Parreiras

11.15-11.35 Contextual lexicon-based approach for abusive language detection
Francielle Alves Vargas, Fabiana Rodrigues de Góes, Isabelle Carvalho, Fabrício Benevenuto and Thiago Pardo

11.35-11.55 Unsupervised Text Style Transfer with Content Embeddings
Keith Carlson, Allen Riddell and Daniel Rockmore

Virtual Room 4 - Rodopi

Parallel Session 40: Text Simplification and Summarisation

Chair: Richard Evans

10.15-10.35 Cross-lingual fine-tuning for Abstractive Arabic Text Summarization
Mram Kahla, Zijian Győző Yang and Attila Novák

10.35-10.55 Exploring German Multi-Level Text Simplification
Nicolas Spring, Annette Rios and Sarah Ebling

10.55-11.15 Split-and-Rephrase in a Cross-Lingual Manner: a Complete Pipeline

Paulo Neto Berlanga and Evandro Eduardo Seron Ruiz

11.15-11.35 A Syntax-Aware Edit-based System for Text Simplification
Oscar M. Cumbicus-Pineda, Itziar Gonzalez-Dios and Aitor Soroa

11.35-11.55 CLexIS2: A new corpus for complex word identification research in Computing studies
Jenny A. Ortiz-Zambrano and Arturo Montejo-Ráez

Virtual Room 5 - Students

Parallel Session 52 (Student workshop): Information Extraction, Web Mining, NLP for Social Media

Chair: Ivan Koychev

(10 min presentation, 5 min Q&A)

10:15-10:30 Sarcasm Detection and Building an English Language Corpus in Real Time
Oliver Cakebread-Andrews

10:30-10:45 Web-sentiment analysis of public comments (public reviews) for languages with limited resources such as the Kazakh language
Dinara Gimadi

10:45-11:00 A Review on Document Information Extraction Approaches
Kanishka Silva and Thushari Silva

11:00-11:15 A Dataset for Research on Modelling Depression Severity in Online Forum Data
Isuri Anuradha Nanomi Arachchige, Vihangi Himaya Jayasuriya and Ruvan Weerasinghe

11:15-11:30 Generating Answer Candidates suitable for Quizzes and Question Generation Algorithms
Kristiyan Vachev, Momchil Hardalov, Georgi Karadzhov, Georgi Georgiev, Ivan K. Koychev and Preslav Nakov

11:30-11:45 Automatic Transformation of Clinical Narratives into Structured Format
Sylvia Vassileva, Gergana Todorova, Kristina Ivanova, Boris Velichkov, Ivan Koychev, Galia Angelova and Svetla Boytcheva

11:45-12:00 Correcting Texts Generated by Transformers using Discourse Features and Web Mining
Alexander Chernyavskiy, Dmitry Ilvovsky and Boris Galitsky

Lunch break 12.00-13.00

Keynote speech 8 (13.00-14.00, Virtual Room 1 - Varna): Sebastian Riedel

Introduced by: Galia Angelova

Parametric vs Nonparametric Knowledge, and what we can learn from Knowledge Bases
(40-45 min presentation; 10 min Q & A)

Parallel sessions 41-44; regular papers; 14.00-15.15

(regular papers 20 min presentation; 5 min Q&A)

Virtual Room 1 - Varna

Parallel Session 41: Multimodal Systems and Paraphrasing

Chair: Frederic Blain

14.00-14.25 Knowledge Distillation with BERT for Image Tag-Based Privacy Prediction

Chenye Zhao and Cornelia Caragea

14.25-14.50 A Case Study of Deep Learning-Based Multi-Modal Methods for Labeling the Presence of Questionable Content in Movie Trailers

Mahsa Shafaei, Christos Smailis, Ioannis Kakadiaris and Thamar Solorio

14.50-15.15 Towards Domain-Generalizable Paraphrase Identification by Avoiding the Shortcut Learning

Xin Shen and Wai Lam

Virtual Room 2 - Hissar

Parallel Session 42: Fact Checking

Chair: Preslav Nakov

14.00-14.25 Improving Evidence Retrieval with Claim-Evidence Entailment

Fan Yang, Eduard Dragut and Arjun Mukherjee

14.25-14.50 A Domain-Independent Holistic Approach to Deception Detection

Sadat Shahriar, Arjun Mukherjee and Omprakash Gnawali

14.50-15.15 Claim Verification using a Multi-GAN based Model

Amartya Hatua, Arjun Mukherjee and Rakesh Verma

Virtual Room 3 - Borovets

Parallel Session 43: Text Categorisation

Chair: Hercules Dalianis

14.00-14.25 On the contribution of per-ICD attention mechanisms to classify health records in languages with fewer resources than English

Alberto Blanco, Sonja Remmer, Alicia Pérez, Hercules Dalianis and Arantza Casillas

14.25-14.50 Application of Deep Learning methods for SNOMED encoding of clinical text: From data collection to extreme multi-label text-based classification

Anton Hristov, Aleksandar Tahchiev, Hristo Papazov, Nikola Tulechki, Todor Primov and Svetla Boytcheva

14.50-15.15 Exploiting domain-specific knowledge for judgment prediction is no panacea

Olivier Salain and Philippe Langlais

Virtual Room 4 - Rodopi

Parallel Session 44: Syntax, Dependencies, Constituencies

Chair: Sandra Kübler

14.00-14.25 Investigating Dominant Word Order on Universal Dependencies with Graph Rewriting

Hee-Soo Choi, Bruno Guillaume, Karën Fort and Guy Perrier

14.25-14.50 Delexicalized Cross-lingual Dependency Parsing for Xibe
He Zhou and Sandra Kübler

14.50-15.15 Using Collaborative Filtering to Model Argument Selection
Sagar Indurkha

Virtual Room 5 - Students

Parallel Session 53 (Student Workshop): Theoretical Papers Related to NLP, Morphology, Syntax, Semantics

Chair: Ivelina Nikolova

(10 min presentation, 5 min Q&A)

14:00-14:15 Handling synset overgeneration: Sense Merging in BTB-WN
Ivaylo Radev and Zara Kancheva

14:15-14:30 Neural Borrowing Detection with Monolingual Lexical Models
John E. Miller, Emanuel Pariasca and Cesar Beltran Castañon

14:30-14:45 Does local pruning offer task-specific models to learn effectively?
Abhishek Kumar Mishra and Mohna Chakraborty

14:45-15:00 A formal representation of Distributed Morphology
Dmitrii Zelenskii

15:00-15:15 On the Evolution of Word Order
Idan Rejwan and Avi Caciularu

Coffee break 15.15-15.45

Parallel sessions 45-48; short and poster papers; 15.45-16.30 GMT

Virtual Room 1 - Varna

Parallel Session 45: Optical Character Recognition

Chair: Michael Oakes

(short paper [15 min presentation; 5 min Q &A] and poster paper [5 min presentation, 10 min Q&A])

15.45-16.05 A Novel Machine Learning Based Approach for Post-OCR Error Detection
Shafqat Mumtaz Virk and Dana Dannells

16.05-16.20 OCR processing of Swedish historical newspapers using deep hybrid CNN-LSTM networks
Molly Brandt Skelbye and Dana Dannells

Virtual Room 2 - Hissar

Parallel Session 46: Language Generation

Chair: Le An Ha

(poster papers; 5 min presentation, 10 min Q&A)

15.45-16.00 Can the Transformer be used as a drop-in replacement for RNNs in textGANs?
Andrei Kucharavy and Kevin Blin

16.00-16.15 Naturalness Evaluation of Natural Language Generation in Task-oriented Dialogues using BERT

Ye Liu, Wolfgang Maier, Wolfgang Minker and Stefan Ultes

16.15-16.30 Transforming Multi-Conditioned Generation from Meaning Representation

Joosung Lee

Virtual Room 3 - Borovets

Parallel Session 47: NLP for Low-Resource Languages

Chair: Raheem Sarwar

(poster papers; 5 min presentation, 10 min Q&A)

15.45-16.00 Siamese Networks for Inference in Malayalam Language Texts

Sara Renjit and Sumam Mary Idicula

16.00-16.15 Rules ruling neural networks - Neural vs. rule-based grammar checking for a low resource language

Linda Wiecheteck, Flammie Pirinen, Mika Hämäläinen and Chiara Argese

16.15-16.30 Not All Linearizations Are Equally Data-Hungry in Sequence Labeling Parsing

Alberto Muñoz-Ortiz, Michalina Strzyz and David Vilares

Virtual Room 4 - Rodopi

Parallel Session 48: Text Summarisation

Chair: Sandra Kübler

(poster papers; 5 min presentation, 10 min Q&A)

15.45-16.00 A comparative study on abstractive and extractive approaches in summarization of European legislation documents

Valentin Zmiycharov, Milen Chechev, Gergana Lazarova, Todor Tsonkov and Ivan Koychev

16.00-16.15 GeSERA: General-domain Summary Evaluation by Relevance Analysis

Jessica López Espejel, Gaël De Chalendar, Jorge Garcia Flores, Thierry Charnois and Ivan Vladimir Meza Ruiz

16.15-16.30 Neural Network-Based Generation of Sport Summaries: a Preliminary Study

David Stephane Belemkoabga, Aurélien Bossard, Abdallah Essa, Christophe Rodrigues and Kévin Sylla

Virtual Room 5 - Students

Parallel Session 54 (Student workshop): Humor, Sentiment Analysis, Fact Checking

Chair: Dinara Gimadi

(10 min presentation, 5 min Q&A)

15.45-16.00 EmoPars: A Collection of 30K Emotion-Annotated Persian Social Media Texts

Nazanin Sabri, Reyhane Akhavan and Behnam Bahrak

16.00-16.15 Humor Generation and Detection in Code-Mixed Hindi-English

Kaustubh Agarwal and Rhythm Narula

16.15-16.30 Toward Discourse-Aware Models for Multilingual Deception Detection
Francielle Alves Vargas, Fabrício Benevenuto and Thiago Alexandre Salgueiro Pardo

Keynote speech 9 (16.35-17.35, Virtual Room 1 - Varna): Alessandro Moschitti
Introduced by: Ruslan Mitkov

Challenges and Achievements of Question Answering Research for Personal Assistants
(40-45 min presentation; 10 min Q & A)

Presentation of the Organisers and Closing 17.40-18.10 GMT