

RANLP-2019 SUMMER SCHOOL ON DEEP LEARNING IN NLP

VARNA hall

	29 August 2019	30 August 2019
<p>Morning</p> <p>Coffee break: 10:30 - 11</p>	<p>09:00 - 10:30 Tim Rocktäschel <i>Introduction to Deep Learning</i></p> <p>11:00 - 12:30 Hinrich Schütze <i>Neural Representation Learning</i></p>	<p>09:00 - 12:30 Kyunghyun Cho <i>Latest topics in Representation Learning</i></p>
Lunch	Lunch break 12:30-14:00	Lunch break 12:30-14:00
<p>Afternoon</p> <p>Coffee break: 15:30 - 16</p>	<p>14:00 - 15:30 Hinrich Schütze <i>Neural Representation Learning</i></p> <p>16:00 - 19:00 Heike Adel Practical Session <i>General introduction to PyTorch Hands-on material on embeddings and how pre-trained embeddings can improve models for NLP</i></p> <p>19:00-20:00 Informal poster session</p>	<p>14:00 - 15:00 Alexander Popov Practical Session <i>Sense/synset embeddings and graph enrichment methods</i></p> <p>15:00 - 17:00 Omid Rohanian and Shiva Taslimipoor Practical Session <i>Sequence labelling and tagging</i></p> <p>17:30 - 19:00 Marek Rei <i>Application of Deep Learning in NLP</i></p>
	20:30 Main Hotel Lobby Welcome Reception	

RANLP-2019 TUTORIALS, VARNA hall

	31 August 2019	1 September 2019
<p>9:30-13:10</p>	<p>Preslav Nakov <i>Fact Checking: Truth Seeking in the Age of Disinformation</i></p> <p>Coffee break: 10:30 - 10:50 Break: 11:50 – 12:10</p>	<p>Antonio Miceli Barone and Sheila Castilho <i>Neural Machine Translation</i></p> <p>Coffee break: 10:30 - 10:50 Break: 11:50 – 12:10</p>
Lunch	Lunch break 13:10-14:30	Lunch break 13:10-14:30
<p>14:30-18:10</p>	<p>Valia Kordoni <i>Deep Learning for Metaphors and Idioms</i></p> <p>Coffee break: 15:30 - 15:50 Break: 16:50 – 17:10</p>	<p>Vlad Niculae and Tsvetomila Mihaylova <i>Latent Structure Models for NLP</i></p> <p>Coffee break: 15:30 - 15:50 Break: 16:50 – 17:10</p>
		19:30 VARNA hall RANLP Welcome Cocktail and Tutorial in Bulgarian Folk Dances

RANLP 2019 programme
Day 1, Monday, 2 September 2019

9:00-9:15	Opening – CHERNO MORE Hall		
9:15-10:15	Keynote speaker: Hinrich Schütze Teaching Deep Networks Lexical Semantics: the Easy Way or the Hard Way? CHERNO MORE Hall		
	CHERNO MORE Hall	VARNA Hall	ODESSOS Hall
Session name	<i>Part-of-Speech Tagging</i>	<i>Machine Translation and Text Simplification</i>	<i>Question-Answering and Conversational Agents</i>
Session Chair	Chair: <i>Sandra Kübler</i>	Chair: <i>Kyunghyun Cho</i>	Chair: <i>Preslav Nakov</i>
10:25-10:50	Augmenting a BiLSTM Tagger with a Morphological Lexicon and a Lexical Category Identification Step <i>Steinþór Steingrímsson, Örvar Kárason and Hrafn Loftsson</i>	Naive Regularizers for Low-Resource Neural Machine Translation <i>Meriem Beloucif, Ana Valeria Gonzalez, Marcel Bollmann and Anders Søgaard</i>	Cross-Domain Training for Goal-Oriented Conversational Agents <i>Alexandra Maria Bodîrlău, Stefania Budulan and Traian Rebedea</i>
10:50-11:15	Tagger for Polish Computer Mediated Communication Texts <i>Wiktór Walentynowicz, Maciej Piasecki and Marcin Oleksy</i>	Automated Text Simplification as a Preprocessing Step for MT into an Under-Resourced Language <i>Sanja Štajner and Maja Popović</i>	Discourse-Based Approach to Involvement of Background Knowledge for Question Answering <i>Boris Galitsky and Dmitry Ilvovsky</i>
11:20-11:50	Coffee break (Main hotel lobby, opposite to the Reception desk)		
	CHERNO MORE Hall	VARNA Hall	ODESSOS Hall
Session name	<i>Parsing and Morphology</i>	<i>Named Entity Recognition</i>	<i>Word Embeddings and Distributional Similarity</i>
Session Chair	Chair: <i>Cengiz Acarturk</i>	Chair: <i>Rafael Muñoz</i>	Chair: <i>Ivan Koychev</i>
11:50-12:10	Exploring Graph-Algebraic CCG Combinators for Syntactic-Semantic AMR Parsing <i>Sebastian Beschke</i>	Diachronic Analysis of Entities by Exploiting Wikipedia Page Revisions <i>Pierpaolo Basile, Annalina Caputo, Seamus Lawless and Giovanni Semeraro</i>	Cross-Lingual Word Embeddings for Morphologically Rich Languages <i>Ahmet Üstün, Gosse Bouma and Gertjan van Noord</i>
12:10-12:30	An Open, Extendible, and Fast Turkish Morphological Analyzer <i>Olçay Taner Yıldız, Begüm Avar and Gökhan Ercan</i>	A Morpho-Syntactically Informed LSTM-CRF Model for Named Entity Recognition <i>Lilia Simeonova, Kiril Simov, Petya Osenova and Preslav Nakov</i>	A Classification-Based Approach to Cognate Detection Combining Orthographic and Semantic Similarity Information <i>Sofie Labat and Els Lefever</i>
12:30-12:50	Sequential Graph Dependency Parser <i>Sean Welleck and Kyunghyun Cho</i>	Named Entity Recognition in Information Security Domain for Russian <i>Anastasiia Sirotnina and Natalia Loukachevitch</i>	Bigger versus Similar: Selecting a Background Corpus for First Story Detection Based on Distributional Similarity <i>Fei Wang, Robert J. Ross and John D. Kelleher</i>

12:50-14:20	Lunch break (lunch at the Restaurant of Chernomore hotel)		
Session name Session Chair	CHERNO MORE Hall	VARNA Hall	ODESSOS Hall
	<i>Sentiment Analysis and Offensive Language Chair: Diana Inkpen</i>	<i>Word Sense Disambiguation Chair: Petya Osenova</i>	<i>NLP for Educational Applications Chair: Marek Rei</i>
14:20-14:40	Emoji Powered Capsule Network to Detect Type and Target of Offensive Posts in Social Media <i>Hansi Hettiarachchi and Tharindu Ranasinghe</i>	Quasi Bidirectional Encoder Representations from Transformers for Word Sense Disambiguation <i>Michele Bevilacqua and Roberto Navigli</i>	Entropy as a Proxy for Gap Complexity in Open Cloze Tests <i>Mariano Felice and Paula Buttery</i>
14:40-15:00	SenZi: A Sentiment Analysis Lexicon for the Latinised Arabic (Arabizi) <i>Taha Tobaili, Miriam Fernandez, Harith Alani, Sanaa Sharafeddine, Hazem Hajj and Goran Glavaš</i>	Combining Lexical Substitutes in Neural Word Sense Induction <i>Nikolay Arefyev, Boris Sheludko and Alexander Panchenko</i>	Classifying Author Intention for Writer Feedback in Related Work <i>Arlene Casey, Bonnie Webber and Dorota Glowacka</i>
15:05-15:45	RANLP 2019 Sponsor presentation: <i>Ontotext</i> Embeddings on Company Knowledge Graph: Challenges and Lessons CHERNO MORE Hall		
15:50-16:50	Coffee break (Main hotel lobby) <u>RANLP Poster Session 1</u>		
17:00-17:30	RANLP 2019 Sponsor presentation: <i>Iris.ai</i> Let's Navigate the World of Science with AI and NLP. Using the Gathered Knowledge to Tackle Today's Biggest Challenges in Chemistry CHERNO MORE Hall		
17:35-18:45	Keynote speaker: <i>Kyunghyun Cho</i> A Generalized Framework of Sequence Generation CHERNO MORE Hall		
20:30-02:00	RANLP 2019 Gala Dinner: Folklore and entertainment programme during the dinner; Awards; Dances after the dinner Restaurant "The Old House"		

RANLP 2019 programme
Day 2, Tuesday, 3 September 2019

9:30-10:30	Keynote speaker: Ken Church Setting Appropriate Expectations: are Deep Nets too Hot? Too Cold? Or just Right? CHERNO MORE Hall		
	CHERNO MORE Hall	VARNA Hall	ODESSOS Hall
Session name	<i>Emotion Detection</i>	<i>Fact Checking and Frame Identification</i>	<i>Exploiting Language Resources</i>
Session Chair	Chair: <i>Alfonso Ureña</i>	Chair: <i>Kiril Simov</i>	Chair: <i>Els Lefever</i>
10:40-11:05	Neural Feature Extraction for Contextual Emotion Detection <i>Elham Mohammadi, Hessam Amini and Leila Kosseim</i>	It Takes Nine to Smell a Rat: Neural Multi-Task Learning for Check-Worthiness Prediction <i>Slavena Vasileva, Pepa Atanasova, Lluís Màrquez, Alberto Barrón-Cedeño and Preslav Nakov</i>	Mining the UK Web Archive for Semantic Change Detection <i>Adam Tsakalidis, Marya Bazzi, Mihai Cucuringu, Pierpaolo Basile and Barbara McGillivray</i>
11:05-11:30	EmoTag – Towards an Emotion-Based Analysis of Emojis <i>Abu Awal Md Shoeb, Shahab Raji and Gerard de Melo</i>	Graph Embeddings for Frame Identification <i>Alexander Popov and Jennifer Sikos</i>	Towards Functionally Similar Corpus Resources for Translation <i>Maria Kunilovskaya and Serge Sharoff</i>
11:30-12:00	Coffee break (Main hotel lobby, opposite to the Reception desk)		
	CHERNO MORE Hall	VARNA Hall	ODESSOS Hall
Session name	<i>Domain Adaptation, Word and Vector Embeddings</i>	<i>Machine Translation</i>	<i>Text Classification</i>
Session Chair	Chair: <i>Thierry Declerck</i>	Chair: <i>Vilemini Sisoni</i>	Chair: <i>Ken Church</i>
12:00-12.20	Self-Adaptation for Unsupervised Domain Adaptation <i>Xia Cui and Danushka Bollegala</i>	Automatic Detection of Translation Direction <i>Iliia Sominsky and Shuly Wintner</i>	Detecting Toxicity in News Articles - A Study for News in Bulgarian Language <i>Yoan Dinkov, Ivan Koychev and Preslav Nakov</i>
12:20-12:40	Evaluation of Vector Embedding Models in Clustering of Text Documents <i>Tomasz Walkowiak and Mateusz Gniewkowski</i>	Are Ambiguous Conjunctions Problematic for Machine Translation? <i>Maja Popović and Sheila Castilho</i>	Turkish Tweet Classification with Transformer Encoder <i>Atif Emre Yüksel, Yaşar Alim Türkmen, Arzucan Özgür and Berna Altınel</i>
12:40-13:00	Evaluating the Consistency of Word Embeddings from Small Data <i>Jelke Bloem, Antske Fokkens and Aurélie Herbelot</i>	Dependency-Based Self-Attention for Transformer NMT <i>Hiroyuki Deguchi, Akihiro Tamura and Takashi Ninomiya</i>	Sparse Victory – A Large Scale Systematic Comparison of Count-Based and Prediction-Based Vectorizers for Text Classification <i>Rupak Chakraborty, Ashima Elhence and Kapil Arora</i>

13:00-13:20	<p>Empirical Study of Diachronic Word Embeddings for Scarce Data <i>Syrielle Montariol and Alexandre Allauzen</i></p>	<p>Combining PBSMT and NMT Back-Translated Data for Efficient NMT <i>Alberto Poncelas, Maja Popović, Dimitar Shterionov, Gideon Maillette de Buy Wenniger and Andy Way</i></p>	<p>Jointly Learning Author and Annotated Character N-gram Embeddings: A Case Study in Literary Text <i>Suraj Maharjan, Deepthi Mave, Prasha Shrestha, Manuel Montes, Fabio A. González and Thamar Solorio</i></p>
13:25-14:30	<p>Lunch break (lunch at the Restaurant of Chernomorec hotel)</p>		
14:40-21:00	<p style="text-align: center;">RANLP 2019 Conference excursion</p> <p>Bus trip to two major historical locations in Bulgaria: the Madara Rider and the Pliska fortress. Pliska was the first capital of Bulgaria (founded in the 7th century), while the Madara Rider is an early Medieval rock relief and is included in the <u>UNESCO World Heritage list</u>. We recommend that you wear comfortable shoes during the excursion.</p>		

RANLP 2019 programme
Day 3, Wednesday, 4 September 2019

9:00-10:00	Keynote speaker: <i>Sebastian Padó</i> Entities as a Window into (Distributional) Semantics CHERNO MORE Hall		
	CHERNO MORE Hall	VARNA Hall	ODESSOS Hall
Session name	<i>Semantic Processing</i>	<i>Stance Recognition and Bias Detection</i>	<i>Question Answering and Paraphrasing</i>
Session Chair	Chair: <i>Reinhard Rapp</i>	Chair: <i>Diana Inkpen</i>	Chair: <i>Sebastian Padó</i>
10:10-10:35	A Quantum-Like Approach to Word Sense Disambiguation <i>Fabio Tamburini</i>	Moral Stance Recognition and Polarity Classification from Twitter and Elicited Text <i>Wesley Santos and Ivandré Paraboni</i>	Question Similarity in Community Question Answering: A Systematic Exploration of Preprocessing Methods and Models <i>Florian Kunneman, Thiago Castro Ferreira, Emiel Kraemer and Antal van den Bosch</i>
10:35-11:00	Compositional Hyponymy with Positive Operators <i>Martha Lewis</i>	Multilingual Sentence-Level Bias Detection in Wikipedia <i>Desislava Aleksandrova, François Lareau and Pierre André Ménard</i>	A Qualitative Evaluation Framework for Paraphrase Identification <i>Venelin Kovatchev, M. Antonia Marti, Maria Salamo and Javier Beltran</i>
11:05-12:05	Coffee break (Main hotel lobby) <u>RANLP Poster Session 2</u> <u>Student Research Workshop Posters 1</u>		
	CHERNO MORE Hall	VARNA Hall	ODESSOS Hall
Session name	<i>Text Summarisation</i>	<i>Question-Answering, Conversational Agents and Topic Modelling</i>	<i>Resources and Tools</i>
Session Chair	Chair: <i>Benjamin Tsou</i>	Chair: <i>Recipient of the award 'Best paper written by a young researcher'</i>	Chair: <i>Sheila Castilho</i>
12:10-12:30	Summarizing Legal Rulings: Comparative Experiments <i>Diego Feijo and Viviane Moreira</i>	Generating Challenge Datasets for Task-Oriented Conversational Agents through Self-Play <i>Sourabh Majumdar, Serra Sinem Tekiroglu and Marco Guerini</i>	Turning Silver into Gold: Error-Focused Corpus Reannotation with Active Learning <i>Pierre André Ménard and Antoine Mougeot</i>
12:30-12:50	Personality-Dependent Neural Text Summarization <i>Pablo Costa and Ivandré Paraboni</i>	Beyond English-Only Reading Comprehension: Experiments in Zero-Shot Multilingual Transfer for Bulgarian <i>Momchil Hardalov, Ivan Koychev and Preslav Nakov</i>	A Fine-Grained Annotated Multi-Dialectal Arabic Corpus <i>Anis Charfi, Wajdi Zaghoulani, Syed Hassan Mehdi and Esraa Mohamed</i>

12:50-13:10	Discourse-Aware Hierarchical Attention Network for Extractive Single-Document Summarization <i>Tatsuya Ishigaki, Hidetaka Kamigaito, Hiroya Takamura and Manabu Okumura</i>	Multilingual Dynamic Topic Model <i>Elaine Zosa and Mark Granroth-Wilding</i>	incom.py - A Toolbox for Calculating Linguistic Distances and Asymmetries between Related Languages <i>Marius Mosbach, Irina Stenger, Tania Avgustinova and Dietrich Klakow</i>
13:15-14:45	Lunch break (lunch at the Restaurant of Chernomore hotel)		
Session name Session Chair	CHERNO MORE Hall	VARNA Hall	ODESSOS Hall
	<i>Semantic Web, WordNet, FrameNet</i> Chair: <i>Maciej Piasecki</i>	<i>Language Classification and Replicability</i> Chair: <i>Pierre Zweigenbaum</i>	<i>Student Research Workshop Oral Presentations</i> Chair: <i>Venelin Kovatchev</i>
14:50-15:10	Structural Approach to Enhancing WordNet with Conceptual Frame Semantics <i>Svetlozara Leseva and Ivelina Stoyanova</i>	Linguistic Classification: Dealing Jointly with Irrelevance and Inconsistency <i>Laura Franzoi, Andrea Sgarro, Anca Dinu and Liviu P. Dinu</i>	Adding Linguistic Knowledge to NLP Tasks for Bulgarian: The Verb Paradigm Patterns <i>Ivaylo Radev</i>
15:10-15:30	A Holistic Natural Language Generation Framework for the Semantic Web <i>Axel-Cyrille Ngonga Ngomo, Diego Moussallem and Lorenz Bühmann</i>	Community Perspective on Replicability in Natural Language Processing <i>Margot Mieskes, Karën Fort, Aurélie Névéol, Cyril Grouin and Kevin Cohen</i>	Multilingual Complex Word Identification: Convolutional Neural Networks with Morphological and Linguistic Features <i>Kim Cheng Sheang</i>
15:30-16:30	Coffee break (Main hotel lobby) <u>RANLP Poster Session 3</u> <u>Student Research Workshop Posters 2</u>		
16:35-17:35	<u>Demo Session</u> (VARNA hall)		
17:45-18:45	Keynote speaker: Preslav Nakov Detecting the ‘Fake News’ Before they were even Written CHERNO MORE Hall		
19:00-20:30	Closing Session and Good-Bye Reception (Main hotel lobby)		

Demo Session

Inforex — A Collaborative System for Text Corpora Annotation and Analysis Goes Open *Michal Marcińczuk and Marcin Oleksy*

Corpus Lexicography in a Wider Context *Chen Gafni*

A Universal System for Automatic Text-to-Phonetics Conversion *Chen Gafni*

A Wide-Coverage Context-Free Grammar for Icelandic and an Accompanying Parsing System *Vilhjálmur Þorsteinsson, Hulda Óladóttir and Hrafn Loftsson*

Demo Application for LETO: Learning Engine through Ontologies *Suilan Estevez-Velarde, Andrés Montoyo, Yudivian Almeida-Cruz, Yoan Gutiérrez, Alejandro Piad-Morffis and Rafael Muñoz*

On a Chatbot Providing Virtual Dialogues *Boris Galitsky, Dmitry Ilvovsky and Elizaveta Goncharova*

ULSana: Universal Language Semantic Analyzer *Ondřej Pražák and Miloslav Konopik*

Poster Session 1

Bilingual Low-Resource Neural Machine Translation with Round-Tripping: The Case of Persian-Spanish
Benyamin Ahmadnia and Bonnie Dorr

Meta-Embedding Sentence Representation for Textual Similarity *Amir Hazem and Nicolas Hernandez*

Classification of Micro-Texts Using Sub-Word Embeddings *Mihir Joshi and Nur Zincir-Heywood*

Opinions Summarization: Aspect Similarity Recognition Relaxes the Constraint of Predefined Aspects

Nguyen Huy Tien, Le Tung Thanh and Nguyen Minh Le

Enhancing Phrase-Based Statistical Machine Translation by Learning Phrase Representations Using Long Short-Term Memory Network *Benyamin Ahmadnia and Bonnie Dorr*

Table Structure Recognition Based on Cell Relationship, a Bottom-up Approach *Darshan Adiga, Shabir Ahmad Bhat, Muzaffar Bashir Shah and Viveka Vyeth*

Text-Based Joint Prediction of Numeric and Categorical Attributes of Entities in Knowledge Bases V
Thejas, Abhijeet Gupta and Sebastian Padó

Large-Scale Hierarchical Alignment for Data-Driven Text Rewriting *Nikola Nikolov and Richard Hahnloser*

Detecting Anorexia in Spanish Tweets *Pilar López Úbeda, Flor Miriam Plaza del Arco, Manuel Carlos Diaz Galiano, L. Alfonso Urena Lopez and Maite Martin*

Predicting Sentiment of Polish Language Short Texts *Aleksander Wawer and Julita Sobiczewska*

Learning Sentence Embeddings for Coherence Modelling and Beyond *Tanner Bohn, Yining Hu, Jinhang Zhang and Charles Ling*

Multi-Level Analysis and Recognition of the Text Sentiment on the Example of Consumer Opinions *Jan Kocoń, Monika Zaško-Zielińska and Piotr Milkowski*

Term-Based Extraction of Medical Information: Pre-operative Patient Education Use Case *Martin Wolf, Volha Petukhova and Dietrich Klakow*

Sentiment and Emotion Based Representations for Fake Reviews Detection *Alimuddin Melleng, Anna Jurek-Loughrey and Deepak P*

Assessing the Socioeconomic Status of Twitter Users: A Survey *Dhouha Ghazouani, Luigi Lancieri, Habib Ounelli And Chaker Jebari*

Term Based Semantic Clusters for Very Short Text Classification *Jasper Paalman, Shantanu Mullick, Kalliopi Zervanou and Yingqian Zhang*

Machine Learning Approach to Fact-Checking in West Slavic Languages *Pavel Přibáň, Tomáš Hercig and Josef Steinberger*

Is Similarity Visually Grounded? Computational Model of Similarity for the Estonian Language *Claudia Kittask and Eduard Barbu*

Offence in Dialogues: A Corpus-Based Study *Johannes Schäfer and Ben Burtenshaw*

Validation of Facts Against Textual Sources *Vamsi Krishna Pendyala, Simran Sinha, Satya Prakash, Shriya Reddy and Anupam Jamatia*

Language-Independent Twitter-Bot Detection *Jürgen Knauth and Stefan Ziehe*

NE-Table: A Neural Key-Value Table for Named Entities *Janarthanan Rajendran, Jatin Ganhotra, Xiaoxiao Guo, Mo Yu, Satinder Singh and Lazaros Polymenakos*

Automatic Propbank Generation for Turkish *Koray AK and Olcay Taner Yildiz*

Study on Unsupervised Statistical Machine Translation for Backtranslation *Anush Kumar, Nihal V. Nayak, Aditya Chandra and Mydhili K. Nair*

Self-Knowledge Distillation in Natural Language Processing *Sangchul Hahn and Heeyoul Choi*

Sentiment Polarity Detection in Azerbaijani Social News Articles *Sevda Mammadli, Shamsaddin Huseynov, Huseyn Alkaramov, Ulviyya Jafarli, Umid Suleymanov and Samir Rustamov*

Analysing the Impact of Supervised Machine Learning on Automatic Term Extraction: HAMLET vs TermoStat *Ayla Rigouts Terryn, Patrick Drouin, Veronique Hoste and Els Lefever*

Distant Supervision for Sentiment Attitude Extraction *Nicolay Rusnachenko, Natalia Loukachevitch and Elena Tutubalina*

Song Lyrics Summarization Inspired by Audio Thumbnailing *Michael Fell, Elena Cabrio, Fabien Gandon and Alain Giboin*

Comparing Automated Methods to Detect Explicit Content in Song Lyrics *Michael Fell, Elena Cabrio, Michele Corazza and Fabien Gandon*

Comparing MT Approaches for Text Normalization *Claudia Matos Veliz, Orphee De Clercq and Veronique Hoste*

Comparison of Machine Learning Approaches for Industry Classification Based on Textual Descriptions of Companies *Andrey Tagarev, Nikola Tulechki and Svetla Boytcheva*

Risk Factors Extraction from Clinical Texts based on Linked Open Data *Svetla Boytcheva, Galia Angelova and Zhivko Angelov*

Poster Session 2

Summary Refinement through Denoising *Nikola Nikolov, Alessandro Calmanovici and Richard Hahnloser*
From Image to Text in Sentiment Analysis via Regression and Deep Learning *Daniela Onita, Liviu P. Dinu and Adriana Birlutiu*

Improving Named Entity Linking Corpora Quality *Albert Weichselbraun, Adrian Brasoveanu, Philipp Kuntschik and Lyndon J.B. Nixon*

Supervised Morphological Segmentation Using Rich Annotated Lexicon *Ebrahim Ansari, Zdeněk Žabokrtský, Mohammad Mahmoudi, Hamid Haghdoost and Jonáš Vidra*

A Neural Network Component for Knowledge-Based Semantic Representations of Text *Alejandro Piad-Morffis, Rafael Muñoz, Yoan Gutiérrez, Yudiyan Almeida-Cruz, Suilan Estevez-Velarde and Andrés Montoyo*

ETNLP: A Visual-Aided Systematic Approach to Select Pre-Trained Embeddings for a Downstream Task *Son Vu Xuan, Thanh Vu, Son Tran and Lili Jiang*

Development and Evaluation of Three Named Entity Recognition Systems for Serbian - The Case of Personal Names *Branislava Šandrih, Cvetana Krstev and Ranka Stankovic*

Exploiting Open IE for Deriving Multiple Premises Entailment Corpus *Martin Vítá and Jakub Klímek*
Know Your Graph. State-of-the-Art Knowledge-Based WSD *Alexander Popov, Kiril Simov and Petya Osenova*

v-trel: Vocabulary Trainer for Tracing Word Relations - An Implicit Crowdsourcing Approach *Verena Lyding, Christos Rodosthenous, Federico Sangati, Umair ul Hassan, Lionel Nicolas, Alexander König, Jolita Horbacauskiene and Anisia Katinskaia*

Sentence Simplification for Semantic Role Labelling and Information Extraction *Richard Evans and Constantin Orasan*

Unsupervised Dialogue Intent Detection via Hierarchical Topic Model *Artem Popov, Victor Bulatov, Darya Polyudova and Eugenia Veselova*

Semi-Supervised Induction of POS-Tag Lexicons with Tree Models *Maciej Sumalvico*

Building a Morphological Analyser for Laz *Esra Onal and Francis Tyers*

Automatic Question Answering for Medical MCQs: Can It Go Further than Information Retrieval? *Le An Ha and Victoria Yaneva*

Unsupervised Data Augmentation for Less-Resourced Languages with no Standardized Spelling *Alice Millour and Karën Fort*

Enhancing Unsupervised Sentence Similarity Methods with Deep Contextualised Word Representations *Tharindu Ranasinghe, Constantin Orasan and Ruslan Mitkov*

Toponym Detection in the Bio-Medical Domain: A Hybrid Approach with Deep Learning *Alistair Plum, Tharindu Ranasinghe and Constantin Orasan*

Semantic Textual Similarity with Siamese Neural Networks *Tharindu Ranasinghe, Constantin Orasan and Ruslan Mitkov*

Ollobot - Towards a Text-Based Arabic Health Conversational Agent: Evaluation and Results *Ahmed Fadhil and Ahmed AbuRa'ed*

Detecting Clitics Related Orthographic Errors in Turkish *Ugurcan Arıkan, Onur Gungor and Suzan Uskudarlı*

From the Paft to the Fiiture: A Fully Automatic NMT and Word Embeddings Method for OCR Post-Correction *Mika Hämäläinen and Simon Hengchen*

Building a Comprehensive Romanian Knowledge Base for Drug Administration *Bogdan Nicula, Mihai Dascalu, Maria-Dorinela Sirbu, Ștefan Trăușan-Matu and Alexandru Nuță*

Deep Learning Contextual Models for Prediction of Sport Event Outcome from Sportsman's Interviews *Boris Velichkov, Ivan Koychev and Svetla Boytcheva*

Porting Multilingual Morphological Resources to OntoLex-Lemon *Thierry Declerck*
Semantic Language Model for Tunisian Dialect *Abir Masmoudi, Rim Laatar, Mariem ellouze and lamia hadrich belguith*
Persistence Pays Off: Paying Attention to What the LSTM Gating Mechanism Persists *Giancarlo Salton and John Kelleher*
Automatic Diacritization of Tunisian Dialect Text Using Recurrent Neural Network *Abir Masmoudi, Mariem Ellouze and Lamia Hadrich belguith*
Quotation Detection and Classification with a Corpus-Agnostic Model *Sean Papay and Sebastian Padó*
Semantic Role Labeling with Pretrained Language Models for Known and Unknown Predicates *Artem Shelmanov, Daniil Larionov, Elena Chistova and Ivan Smirnov*
De-Identification of Emails: Pseudonymizing Privacy-Sensitive Data in a German Email Corpus *Elisabeth Eder, Ulrike Krieg-Holz and Udo Hahn*
Two Discourse Tree-Based Approaches to Indexing Answers *Boris Galitsky and Dmitry Ilvovsky*

Poster Session 3

Identification of Good and Bad News on Twitter *Piush Aggarwal and Ahmet Aker*
Tweaks and Tricks for Word Embedding Disruptions *Amir Hazem*
Sparse Coding in Authorship Attribution for Polish Tweets *Piotr Grzybowski, Ewa Juralewicz and Maciej Piasecki*
EoANN: Lexical Semantic Relation Classification Using an Ensemble of Artificial Neural Networks *Rayehe Hosseini Pour and Mehrnoush Shamsfard*
Dependency-Based Relative Positional Encoding for Transformer NMT *Yutaro Omote, Akihiro Tamura and Takashi Ninomiya*
Investigating Multilingual Abusive Language Detection: A Cautionary Tale *Kenneth Steimel, Daniel Dakota, Yue Chen and Sandra Kübler*
The Impact of Semantic Linguistic Features in Relation Extraction: A Logical Relational Learning Approach *Rinaldo Lima, Bernard Espinasse and Frederico Freitas*
Divide and Extract – Disentangling Clause Splitting and Proposition Extraction *Darina Gold and Torsten Zesch*
Cross-Family Similarity Learning for Cognate Identification in Low-Resource Languages *Eliel Soisalon-Soininen and Mark Granroth-Wilding*
Investigating Terminology Translation in Statistical and Neural Machine Translation: A Case Study on English-to-Hindi and Hindi-to-English *Rejwanul Haque, Md Hasanuzzaman and Andy Way*
Using a Lexical Semantic Network for the Ontology Building *Nadia Bebeshina-Clairet*
Speculation and Negation Detection in French Biomedical Corpora *Clément Dalloux, Vincent Claveau and Natalia Grabar*
Developing the Old Tibetan Treebank *Christian Faggionato and Marieke Meelen*
The "Jump and Stay" Method to Discover Proper Verb Centered Constructions in Corpus Lattices *Bálint Sass*
Exploiting Frame-Semantics and Frame-Semantic Parsing for Automatic Extraction of Typological Information from Descriptive Grammars of Natural Languages *Shafqat Mumtaz Virk, Azam Sheikh Muhammad, Lars Borin, Muhammad Irfan Aslam, Saania Iqbal and Nazia Khurram*
Benchmark Dataset for Propaganda Detection in Czech Newspaper Texts *Vít Baisa, Ondřej Herman and Ales Horak*
Parallel Sentences Retrieval from Comparable Corpora for Biomedical Text Simplification *Rémi Cardon and Natalia Grabar*
Whom to Learn from? Graph- vs. Text-Based Word Embeddings *Małgorzata Salawa, António Branco, Ruben Branco, João António Rodrigues and Chakaveh Saedi*
Resolving Pronouns for a Resource-Poor Language, Malayalam Using Resource-Rich Language, Tamil *Sobha Lalitha Devi*
Lexical Quantile-Based Text Complexity Measure *Maksim Ereemeev and Konstantin Vorontsov*
Using Syntax to Resolve NPE in English *Payal Khullar, Allen Antony and Manish Shrivastava*

Towards Adaptive Text Summarization: How Does Compression Rate Affect Summary Readability of L2 Texts? *Tatiana Vodolazova and Elena Lloret*

Self-Attention Networks for Intent Detection *Sevinj Yolchuyeva, Géza Németh and Bálint Gyires-Tóth*

The Impact of Rule-Based Text Generation on the Quality of Abstractive Summaries *Tatiana Vodolazova and Elena Lloret*

Word Sense Disambiguation Based on Constrained Random Walks in Linked Semantic Networks *Maciej Piasecki and Arkadiusz Janz*

Self-Attentional Models Application in Task-Oriented Dialogue Generation Systems *Mansour Saffar Mehrjardi, Amine Trabelsi and Osmar R. Zaiane*

A Fast and Accurate Partially Deterministic Morphological Analysis *Hajime Morita and Tomoya Iwakura*

Understanding Neural Machine Translation by Simplification: The Case of Encoder-Free Models *Gongbo Tang, Rico Sennrich and Joakim Nivre*

A Type-Theoretical Reduction of Morphological, Syntactic and Semantic Compositionality to a Single Level of Description *Erkki Luuk*

A Survey of the Perceived Text Adaptation Needs of Adults with Autism *Victoria Yaneva, Constantin Orasan, Le An Ha and Natalia Ponomareva*

Student Research Workshop Posters 1

Normalization of Kazakh Texts *Assina Abdussaitova and Alina Amangeldiyeva*

Classification Approaches to Identify Informative Tweets *Piush Aggarwal*

Dialect-Specific Models for Automatic Speech Recognition of African American Vernacular English *Rachel Dorn*

Multilingual Language Models for Named Entity Recognition in German and English *Antonia Baumann*

Cross-Lingual Coreference: The Case of Bulgarian and English *Zara Kancheva*

Towards Accurate Text Verbalization for ASR Based on Audio Alignment *Diana Geneva and Georgi Shopov*

Student Research Workshop Posters 2

Evaluation of Stacked Embeddings for Bulgarian on the Downstream Tasks POS and NERC *Iva Marinova*

Overview on NLP Techniques for Content-Based Recommender Systems for Books *Melania Berbatova*

Corpora and Processing Tools for Non-Standard Diachronic and Contemporary Balkan Slavic *Teodora Vukovic, Ivan Šimko, Sanja Bradjan, Nora Muheim and Olivier Winistörfer*

Question Answering Systems Approaches and Challenges *Reem Alqifari*

Neural Network-Based Models with Commonsense Knowledge for Machine Reading Comprehension *Denis Smirnov*

Parts of Speech Tagging for Kannada *Swaroop L R, Rakshith Gowda G S, Sourabh U, Shriram Hegde, Myna A. N and Vijaya Kumar B. P*

RANLP - 2019 events, 29 August - 6 September 2019

CHERNO MORE hotel Varna, Bulgaria

	CHERNO MORE hall	VARNA hall	ODESSOS hall	Small hall 2nd floor
29 August		DLinNLP Summer School		
30 August		DLinNLP Summer School		
31 August		RANLP Tutorials		
1 Sept.		RANLP Tutorials		
2 Sept.	RANLP Conference	RANLP Conference	RANLP Conference	
3 Sept.	RANLP Conference	RANLP Conference	RANLP Conference	
4 Sept.	RANLP Conference	RANLP Conference	RANLP Conference and Student Research Workshop	
5 Sept. Post-conference events	HiT-IT 2019 Second Workshop on Human-Informed Translation and Interpreting Technology Welcome reception post-conference events	International Conference Biographical Data in a Digital World 2019	BUCC 2019 12th Workshop on Building and Using Comparable Corpora	Workshop LT for digital historical archives with a special focus on CEE and SEE, Middle East and North Africa
6 Sept. Post-conference events	HiT-IT 2019 Second Workshop on Human-Informed Translation and Interpreting Technology	International Conference Biographical Data in a Digital World 2019	Multiling 2019 Workshop on Summarization Across Languages, Genres and Sources	

Lunch: for the convenience of the conference delegates, lunch is provided by the restaurant of Hotel Chernomore. Those who are staying at Chernomore can enter the restaurant with their hotel registration cards. RANLP participants staying at other hotels should purchase lunch tickets (10 euros per day) from the RANLP information and registration desk. Please be sure to buy lunch tickets one day in advance.