Second Call for Papers

RANLP 2019
RECENT ADVANCES IN NATURAL LANGUAGE PROCESSING
Hotel “Cherno More” Varna, Bulgaria
http://www.lml.bas.bg/ranlp2019

Summer School on Deep Learning in NLP: August 29-30, 2019 (Thursday-Friday)
Tutorials: August 31 - September 1, 2019 (Saturday-Sunday)
Main Conference: September 2-4, 2019 (Monday-Wednesday)
Workshops: September 5-6, 2019 (Thursday-Friday)

We are pleased to announce that the 12th biennial RANLP conference will take place in September 2019 at the Black Sea city of Varna. In addition to the conference programme of competitively peer-reviewed papers reporting on the recent advances of a wide range of NLP topics, the RANLP conference will feature 5-6 keynote speeches. There will also be poster and demo sessions. The conference will be preceded by two days of Summer School on Deep Learning in NLP (29-30 August, 2019) and two days of tutorials (31 August-1 September, 2019). Post-conference workshops will be held on 5-6 September 2019. A Student Research Workshop will run in parallel to the main conference. The Student Research Workshop, now in its sixth edition, is a vibrant discussion forum for young researchers. Six post-conference Workshops will be held on 5-6 September 2019. Moreover, the 3rd edition of the two-day conference “Biographical Data in Digital World 2019” will be co-located with RANLP and will take place on 5-6 September 2019.

As from RANLP 2009, the papers accepted at RANLP and the associated workshops will be included in the ACL Anthology. The RANLP proceedings are also indexed by SCOPUS and DBLP.

TOPICS
Phonetics and phonology; morphology; lexicon; syntax; semantics; discourse; pragmatics; dialogue; mathematical foundations; formal grammars and languages; language and logic; complexity; finite-state technology; statistical models for natural language processing; machine learning for NLP; word embeddings; word representation; deep learning for NLP; similarity; evaluation; sublanguages and controlled languages; similar languages, varieties and dialects; lexicography; language resources and corpora; corpus annotation; crowdsourcing; terminology; ontologies; text segmentation; POS tagging; parsing; semantic role labelling; sentence meaning representation; word-sense disambiguation; computational treatment of multiword expressions; computational treatment of humour, sarcasm and irony; textual entailment; anaphora and coreference resolution; negation and speculation; temporal processing; natural language generation; speech recognition; text-to-speech synthesis; knowledge acquisition; text categorisation; machine translation, including statistical machine translation and neural machine translation; translation technology including translation memory systems; information retrieval; information extraction; event extraction; question answering; text summarisation; term extraction; text and web mining; opinion mining and sentiment analysis; multimodal systems; natural language processing for educational
applications; automated writing assistance; text simplification; NLP for biomedical texts; author profiling and related applications; chatbots; conversational agents; fact checking; aggression identification; text analytics; computer-aided language learning; stance detection; computational cognitive modelling; language and vision; language processing of financial texts; NLP for digital humanities; multilingual NLP; NLP for social media; NLP for users with disabilities and for mental health sector; NLP for the semantic web; patents search; theoretical papers related to NLP.

CHAIR OF THE PROGRAMME COMMITTEE
Ruslan Mitkov (University of Wolverhampton)

CHAIR OF THE ORGANISING COMMITTEE
Galia Angelova (Bulgarian Academy of Sciences)

INVITED SPEAKERS
Keynote presentations at RANLP 2019 will be given by:
- Kyunghyun Cho (New York University)
- Ken Church (Baidu)
- Hinrich Schütze (Ludwig Maximilian University, Munich)
- Sebastian Padó (Stuttgart University)
- Aline Villavicencio (Federal University of Rio Grande do Sul and University of Essex)

THE RANLP 2019 PROGRAMME COMMITTEE includes:
Alessandro Moschitti (Amazon)
Alexander Gelbukh (National Polytechnic University)
Aline Villavicencio (Federal University of Rio Grande do Sul and University of Essex)
Alma Kharrat (Microsoft)
Andrés Montoyo (University of Alicante)
António Branco (University of Lisbon)
Antonio Ferrández Rodríguez (University Alicante)
Cengiz Acarturk (Middle East Technical University)
Chris Brew (Digital Operatives)
Constantin Orasan (University of Wolverhampton)
Dan Tufis (Romanian Academy of Sciences)
Diana Inkpen (University of Ottawa)
Eid Mohamed (Doha Institute for Graduate Studies)
Emad Mohamed (University of Wolverhampton)
Frédérique Segond (Viseo)
Fumiyo Fukumoto (University of Yamanashi)
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Gloria Corpas Pastor (University of Málaga)
Guadalupe Aguado de Cea (Polytechnic University of Madrid)
Hassina Aliane (Research Center On Scientific and Technical Information)
Hitoshi Isahara (Toyohashi University of Technology)
Horacio Rodríguez (Polytechnic University of Catalonia)
Hristo Tanev (Joint Research Centre - EC)
Johanna Monti (University of Sassari)
Josef Steinberger (University of West Bohemia)
Kalina Bontcheva (University of Sheffield)
Keh-Yih Su (Institute of Information Science, Academia Sinica)
Kemal Oflazer (Carnegie Mellon University - Qatar)
Kenneth Church (Baidu, USA)
Kevin Cohen (University of Colorado School of Medicine)
Key-Sun Choi (KAIST)
Kiril Simov (Bulgarian Academy of Sciences)
L. Alfonso Urena López (Universidad de Jaén)
Liviu P. Dinu (University of Bucharest)
Mai Zaki American (University of Sharjah)
Mark-Jan Nederhof (University of St Andrews)
Massimo Poesio (University of Essex)
Michael Zock (CNRS-LIF)
Miloš Jakubíček (Lexical Computing)
Natalia Loukachevitch (Lomonosov Moscow State University)
Nicoletta Calzolari (ILC-CNR)
Noa P. Cruz Diaz (Institute of Biomedicine of Seville / Virgen del Rocio University Hospital / CSIC and University of Seville)
Paolo Rosso (Polytechnic University of Valencia)
Pascal Amsili (University of Paris Diderot)
Pavel Pecina (Charles University)
Petya Osenova (Sofia University and Bulgarian Academy of Sciences)
Preslav Nakov (Qatar Computing Research Institute, HBKU)
Rafael Muñoz-Guillena (University of Alicante)
Raheel Nawaz (Manchester Metropolitan University)
Ralph Grishman (New York University)
Richard Evans (University of Wolverhampton)
Riza Batista-Navarro (University of Manchester)
Roman Yangarber (University of Helsinki)
Sandra Kübler (Indiana University)
Sebastian Padó (Stuttgart University)
Sheila Castilho (Dublin City University)
Stan Szpakowicz (University of Ottawa)
Stelios Piperidis (Athena RC/ILSP)
vetla Boytcheva (Bulgarian Academy of Sciences)
Udo Kruschwitz (University of Essex)
Veronique Hoste (Ghent University)
Vilelmini Sosoni (Ionian University)
Yorick Wilks (Florida Institute of Human and Machine Cognition)
Yota Georgakopoulou (Athena Consultancy)
More to be announced

**RANLP 2019 TUTORIALS**
Four half-day tutorials will be given on 31 August and 1 September 2019:

- Preslav Nakov: Fact Checking: Truth Seeking in the Age of Disinformation
- Antonio Miceli Barone and Sheila Castilho: Neural Machine Translation
- Valia Kordoni: Deep Learning for Metaphors and Idioms
- Aline Villavicencio: Computational treatment of multiword expressions
RANLP 2019 SUMMER SCHOOL ON DEEP LEARNING
The summer school will be held on 29-30 August 2019. It features the following lectures:

- Tim Rocktäschel (University College London): Introduction to Deep Learning for NLP
- Hinrich Schütze (Ludwig Maximilian University): Neural-based representation Learning
- Kyunghyun Cho (New York University): Latest topics in representation learning for language

as well as several hands-on practical sessions to be hosted by Heike Adel (University of Stuttgart), Shiva Taslimipoor and Omid Rohanian (University of Wolverhampton), Alexander Popov (Bulgarian Academy of Sciences) among others.

WORKSHOPS
Several workshops will be organised on 5-6 September 2019:

- Multiling 2019 Workshop: Summarization Across Languages, Genres and Sources, organised by George Giannakopoulos
- Grammar Data Mining (GDM): Extracting Linguistic Features From Grammatical Descriptions - RANLP'09 Workshop/Shared Task Proposal, organised by Harald Hammarström, Markus Forsberg, Shafqat Mumtaz Virk, Søren Wichmann, Erich Round, Sebastian Nordhoff, and Guillaume Ségére
- Seventh International Workshop on Natural Language Processing for Social Media (SocialNLP 2019), organised by Lun-Wei Ku and Cheng-Te Li
- 12th Workshop on Building and Using Comparable Corpora (BUCC), organised by Serge Sharoff, Reinhard Rapp, and Pierre Zweigenbaum
- Second Workshop on Human-Informed Translation and Interpreting Technology (HiT-IT 2019), organised by Irina Temnikova, Constantin Orasan, Gloria Corpas Pastor, and Ruslan Mitkov
- Language technology for digital historical archives with a special focus on Central-, (South-)Eastern Europe, Middle East and North Africa, organised by Cristina Vertan, Petya Osenova, and Dimitar Iliev

INTERNATIONAL CONFERENCE BIOGRAPHICAL DATA IN A DIGITAL WORLD 2019
The third conference in the series will be organised on 5-6 September 2019 in hotel “Chernomore” Varna.

SUBMISSION OF RANLP 2019 PAPERS, POSTERS, DEMOS
The RANLP 2019 submissions will be maintained by the conference management system START. For further instructions, please follow the submission information at the conference website at http://www.lml.bas.bg/ranlp2019. The reviewing process will be anonymous. Double submission is acceptable, but authors will be asked to declare it at the time of submission. The submissions will be reviewed by at least three members of the Programme Committee. The authors of accepted papers will receive guidelines regarding how to produce camera-ready versions of their papers for inclusion in the proceedings. The full conference proceedings will be uploaded on the ACL Anthology, and each accepted paper will have a
DOI number. A printed version will be made available at the conference if ordered in advance (cost: 40-45 EUR).

This year, RANLP aims to provide early notification of acceptance to authors and presenters who need visa to enter Bulgaria. Thus, we invite early submissions including author names and paper abstracts, in order to facilitate a faster review process. Access to the conference management software is already available.

IMPORTANT DATES

Conference abstracts submission: 3 March – 8 May 2019
Conference papers submission: 15 May 2019
Conference papers acceptance notification: 26 June 2019
Camera-ready versions of the conference papers: 31 July 2019

Workshops papers submission deadline (TBC): 30 June 2019
Workshops papers acceptance notification (TBC): 28 July 2019
Workshops papers camera-ready versions (TBC): 20 August 2019
Workshops camera-ready proceedings ready (TBC): 25 August 2019

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RANLP workshops: 5-6 September 2019 (Thursday-Friday)

LOCATION and TRAVEL
RANLP 2019 will be held in Varna, the largest city on the Bulgarian Black Sea Coast, in Hotel “Cherno More” (http://www.chernomorebg.com/home). The event venue is centrally located at the entrance of the Sea Garden and offers excellent conference facilities. The city is a major tourist destination with flights to/from the Varna International Airport. It is also known for its Archaeological Museum, which features the oldest gold treasure in the world (https://en.wikipedia.org/wiki/Varna_Necropolis).

THE TEAM BEHIND RANLP 2019
Galina Angelova, Bulgarian Academy of Sciences, Bulgaria (OC Chair)
Kalina Bontcheva, University of Sheffield, UK
Ruslan Mitkov, University of Wolverhampton, UK (PC Chair)
Preslav Nakov, Qatar Computing Research Institute, HBKU, Qatar
Nikolai Nikolov, INCOMA Ltd., Shoumen, Bulgaria
Ivelina Nikolova, Bulgarian Academy of Sciences, Bulgaria
Petya Osenova, Bulgarian Academy of Sciences, Bulgaria
Kiril Simov, Bulgarian Academy of Sciences, Bulgaria (Workshop coordinator)
Irina Temnikova, Sofia University “St. Kliment Ohridski”, Bulgaria