Organisers:

Department of Computational Linguistics
Institute for Bulgarian Language

Institute of Information and Communication Technologies

BULGARIAN ACADEMY OF SCIENCES

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INTERNATIONAL
CONFERENCE

CLIB '20

COMPUTATIONAL
LINGUISTICS
IN BULGARIA
CLIB 2020

25 – 26 June **2020**
Sofia, Bulgaria

PROGRAMME

25 June 2020

Venue info

Venue: Prof. Marin Drinov Hall, Bulgarian Academy of Sciences
(Main building) at 1, 15 Noemvri St., Sofia 1000.

MAIN CONFERENCE

09:00 – 09:15 Registration

09:15 – 09:30   Conference Opening
Prof. Dr. Svetla Koeva (Institute for Bulgarian Language) and Prof. Dr. Petya Osenova (Sofia University / Institute of Information and Communication Technologies)

09:30 – 10:30 Invited Talk
Prof. D.Sc. Galia Angelova (Institute of Information and Communication Technologies): *Tag Sense Disambiguation in Large Image Collections: Is It Possible?*

10:30 – 11:00 Coffee Break

11:00 – 12:00 SESSION I

11:00 – 11:20   Junya Morita (Kinjo Gakuin University): *A Corpus-based Study of Derivational Morphology and its Theoretical Implications*

11:20 – 11:40   Ekaterina Tarpomanova (Sofia University): *Syntactic and Morphological Features after Verbs of Perception: Bulgarian in the Balkan Context*

11:40 – 12:00   Petya Osenova (Sofia University / Institute of Information and Communication Technologies): *On the Valency Frames of the Type Subject-Predicate in Bulgarian: Some Preliminary Notes*

12:00 – 13:00 SESSION II

12:00 – 12:20   Cvetana Krstev, Jelena Jaćimović and Dusko Vitas (University of Belgrade): *Similes in Serbian Literary Texts (1860–1920) – Automatic Recognition and Annotation*

12:20 – 12:40 – Kutay Uzun (Trakya University, Edirne): *A Classification of L2 Thesis Statement Writing Performance using Syntactic Complexity Indices*

12:40 – 13:00   Svetla Koeva, Nikola Obreshkov and Martin Yalamov (Institute for Bulgarian Language): *Categorisation of Bulgarian Legislative Documents*

13:00 – 13:15   SPECIAL DEMO SESSION
Georg Rehm (DFKI, Germany): *Demonstration of the European Language Grid*

13:15 – 14:00 Lunch

14:00 – 15:00 Invited Talk
Dr. Preslav Nakov (Qatar Computing Research Institute, HBKU): *Detecting the Fake News at Its Source, Media Literacy, and Regulatory Compliance*

15:00 – 16:00 SESSION III

15:00 – 15:20   Boris Galitsky (Oracle Inc.), Dmitry Ilvovsky (National Research University Higher School of Economics, Moscow) and Alexander Kirillovich (Kazan Federal University): *Controlling Chat Bot Multi-Document Navigation with the Extended Discourse Trees*

15:20 – 15:40   Ilseyar Alimova, Elena Tutubalina and Alexander Kirillovich (Kazan Federal University): *Cross-lingual Transfer Learning for Semantic Role Labeling in Russian*

15:40 – 16:00   Maria Grits (University of Koblenz-Landau): *Description Logic Based Formal Representation of Adjectives*

16:00 – 16:20 Coffee Break

16:20 – 18:00 SESSION IV

16:20 – 16:40   Zara Kancheva, Ivaylo Radev (Institute of Information and Communication Technologies): *Linguistic vs. Encyclopedic Knowledge. Classification of MWEs on the basis of Domain Information*

16:40 – 17:00   Svetlozara Leseva (Institute for Bulgarian Language), Verginica Mititelu (Research Institute for Artificial Intelligence, Bucharest) and Ivelina Stoyanova (Institute for Bulgarian Language): *It Takes Two to Tango – Towards a Multilingual MWE Resource*

17:00 – 17:20   Ivan Derzhanski (Institute of Mathematics and Informatics) and Milena Veneva: *Generating Natural Language Numerals with TeX*

17:20 – 17:40   Iglika Nikolova-Stoupak (Staffordshire University): *A Natural Language for Bulgarian Primary and Secondary Education*

17:40 – 18:00   Ivan Šimko (University of Zurich): *A Digital Edition of the Life of St. Petka*

26 June 2020

Venue: Prof. Marin Drinov Hall, Bulgarian Academy of Sciences
(Main building) at 1, 15 Noemvri St., Sofia 1000.

SPECIAL SESSION ON WORDNETS AND ONTOLOGIES

9:30 – 10:30   Invited Talk
Assoc. Prof. Dr. Svetla Boytcheva (Institute of Information and Communication Technologies): *Clinical Natural Language Processing in Bulgarian*

10:30 – 11:30 – Special Session on Wordnets and Ontologies

10:30 – 11:00   Ivan Derzhanski and Olena Siruk (Institute of Mathematics and Informatics): *A Bilingual Lexicosemantic Network of Bread based on a Parallel Corpus*

11:00 – 11:30   Andrei-Marius Avram (Politehnica University of Bucharest) and Verginica Barbu Mititelu (Research Institute for Artificial Intelligence, Bucharest): *A Customizable WordNet Editor*

11:30 – 12:00 Coffee Break

12:00 – 13:30 Special Session on Wordnets and Ontologies

12:00 – 12:30   Angelina Bolshina (Lomonosov Moscow State University) and Natalia Loukachevitch (Lomonosov Moscow State University): *Comparison of Genres in Word Sense Disambiguation using Automatically Generated Text Collections*

12:30 – 13:00   Svetlozara Leseva and Ivelina Stoyanova (Institute for Bulgarian Language): *Consistency Evaluation towards Enhancing the Conceptual Representation of Verbs in WordNet*

13:00 – 13:30   Tsvetana Dimitrova (Institute for Bulgarian Language): *On WordNet Semantic Classes: Is the Sum Always Bigger?*

13:30   Conference Closing