CALL FOR PAPERS / INVITATION TO SPECIAL SESSION LANGUAGE TECHNOLOGIES

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ICIST 2019

25th International Conference on Information and Software Technologies

October 10th – 12th, 2019, Vilnius, Lithuania

SCOPE

Since human language is the most natural way of communication, linguistically competent software would greatly facilitate humans' interaction with computers and help in our needs. The field of Language Technologies (LT) gained a lot of interest and made enormous progress during the last decades. LT is an interdisciplinary field dealing with the statistical or rule-based modeling and involving practitioners of artificial intelligence, computer science, engineering, information retrieval, linguistics, phonetics, or psychology. The special session on LT provides a focus for this work, and encourages interdisciplinary approach to speech and language research and technology bringing together experts from both academia and industry. The paper submissions reporting original results and system development experience as well as real-world applications are kindly welcomed to this session.

TOPICS

Authors are invited to submit full papers describing original research work associated with Language Technologies including, but not limited to:

- Natural Language Processing (tagging systems, stemming, parsing and syntactical analysis, corpus-based language engineering)
- Natural Language Understanding (text analysis, ontology, formal semantics)
- Language-based Knowledge Engineering (text and data mining, knowledge acquisition, knowledge representation and reasoning)
- Cognitive models and AI techniques (graph based models, semantic nets, neural networks, and cognitive maps)
- Language Generation (dialogue-based systems, creative and writing systems, language synthesis, translation)
- Multi-modal Computational Linguistics (speech recognition, speech-text conversions, speech analysis and textual tagging)
- Applications and Systems (search and information retrieval, web applications, forensics, cognitive systems, question-answer systems, translation systems, documents classifiers)

IMPORTANT DATES

25 05 2019 – Submission of papers.

17 06 2019 – Notification of acceptance.

28 06 2019 – Final manuscripts due.

SUBMISSION OF PAPERS

Authors are invited to submit their papers in English through the conference submission system. Submissions must be original and should not have been published previously. All papers will be peer-reviewed by the ICIST 2019 Program Committee and judged with respect to their quality, originality, and relevance. For further details, please consult the conference web pages.

PUBLICATION

All accepted papers will appear in the ICIST Conference Proceedings Volume (published by Springer as a part of CCIS series) and submitted for indexing to Clarivate Analytics WoS. Selected authors of best papers will be also invited to submit extended versions of their papers to Information Technology and Control journal (ISSN 1392-124X; Clarivate Analytics WoS Impact factor 0,800 (2017)).

SPECIAL SESSION CHAIR

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The International Conference on Information and Software Technologies (ICIST) is an international annual event, organized by Kaunas University of Technology. In 2019, the University will organize the 25th ICIST Conference from 10th to 12th October in Vilnius, Lithuania.

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