

Preface: Machine Learning Workshop

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Abstract

This document is the preface of the Machine Learning Workshop of the 7th International Conference on Computational Linguistics and Intelligent Systems (CoLInS 2023), April 20–21, 2023, held in Kharkiv, Ukraine.

1. Preface

The main purpose of the Machine Learning Workshop is a discussion of the recent research results in all areas of Machine Learning Technology for Natural Language Processing and Intelligent Systems Development. The conference is soliciting literature review, survey and research papers comments including, whilst not limited to, the following areas of interest:

- Supervised learning;
- Unsupervised learning;
- Semi-supervised learning;
- Reinforcement learning;
- Decision trees;
- Classification;
- Regression;
- Artificial neural networks;
- Associative rules;
- Deep learning;
- Pattern recognition;
- Cluster analysis;
- Data mining.

The language of Machine Learning Workshop is English.

The Machine Learning Workshop took the form of oral presentation by peer-reviewed individual papers. The papers were distributed among 93 external reviewers from France, Germany, The Netherlands, United States, United Kingdom, India, Moldova, Czech Republic, Poland, Bulgaria, Portugal, Serbia, Slovenia, Finland and Ukraine. The total number of reviews is 97. To take more correct decision regarding the acceptance or rejection the papers got 3-7 reviews. The peer review statistics is as follows: 21 papers (3 reviews), 1 paper (4 reviews), 1 paper (5 reviews), 3 papers (6 reviews), and 1 paper (7 reviews).

COLINS-2023: 7th International Conference on Computational Linguistics and Intelligent Systems, April 20–21, 2023, Kharkiv, Ukraine
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CEUR Workshop Proceedings (CEUR-WS.org)

The Machine Learning Workshop gathered participants from different countries including Germany, Poland, Slovak Republic, Turkey, Ukraine and China.

This year Organizing Committee received 59 submissions, out of which 27 were accepted for presentation as a regular papers. These papers and extended abstracts were published in this Volume I of 7th International Conference on Computational Linguistics and Intelligent Systems (CoLLInS 2023) proceedings.

2. Acknowledgments

The Machine Learning Workshop would not have been possible without the support of many people. First of all, we would like to thank all the authors who submitted papers to Machine Learning Workshop and thus demonstrated their interest in the research problems within our scope. We are very grateful to the members of our Program Committee for providing timely and thorough reviews and, also, for being cooperative in doing additional review work. We would like to thank the Organizing Committee of the conference whose devotion and efficiency made this instance of Machine Learning Workshop a very interesting and effective scientific forum. We would like to thank Machine Learning Workshop Chairs, as well as Program Committee and all Reviewers, for their diligence in selecting the papers and ensuring their high scientific quality.