

Preface for the International Workshop on Multilingual Semantic Web (MSW-2023)

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MSW-2023 is the 1st International Workshop on Multilingual Semantic Web (MSW-2023), co-located with the KGSWC-2023. International Workshop on Multilingual Semantic Web - 2023, is the third edition of the workshop co-located with KGSWC 2023. The primary aim of this workshop is to bring together researchers from different parts of the world working on multilingual semantic web projects targeted at providing speech and language therapies across under-resourced languages by translating semantic web content to the various languages in existence. The multiple focus areas of these researchers include multilingual machine translations, Natural Language Processing, Large Language Models, Knowledge Representations and Reasoning (KRR), semantic web, ontology developments, knowledge graphs, Machine Learning, etc. The organizing team is thankful to the everyone involved in making the MSW-2023 a success. Firstly, our thanks go to all the organizers of the main conference and Program Committee members for ensuring a rigorous review process that led to an excellent scientific program with an average of three reviews per article. The efforts of co-chairs towards the success of the workshop were highly appreciated. We are also very thankful to the authors for their painstaking efforts to write-up and present in the workshop.

MSW-2023 accepted 6 papers after rigorous reviewing process. The accepted papers were 2 long papers and 4 short papers reviewed by four reviewers with different backgrounds.

The papers were:

Regular Papers:

- Contextual Reinforcement Learning for Enhanced Machine Translation using Transformers
- An Intelligent Multilingual Farm Advisory System for Controlling Hazardous Effects of Pesticides on Human Health

Short Papers:

- Curating Tabular Datasets using Knowledge Graphs
- Knowledge Extraction of Union Catalogue using Semantic and Ontology
- Visualization of a Domain Knowledge (A Case Study of Crops Ontology)
- A Machine-Learning Based Text Classification and Machine Translator for Selected Under-Resourced Languages

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