

Preface to the Proceedings of the 3rd International Workshop on Artificial Intelligence and Machine Learning for Emerging Topics (ALLEGET'23)

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It is our pleasure to welcome you to the 3rd International Workshop on Artificial Intelligence and Machine Learning for Emerging Topics (ALLEGET'23), co-located in the 19th International Conference on Intelligent Environments (IE'23). A major goal of this workshop is to bring academic scientists, engineers and industry researchers together to exchange and share their experiences and research results about the use of intelligent systems to overcome the issues related to relevant and emergent topics in our society.

This volume presents the papers that have been accepted in the third edition of this workshop. It consists of four high quality papers covering a wide range of application domains and machine learning techniques, from the identification of chemicals for beauty products with transformer models to the analysis to the movement dynamics of League of Legends professional matches with clustering techniques. Moreover, it also contains a summary of the excellent keynote lecture given by Dr. Erik Cambria during the workshop.

We would like to thank all authors who submitted papers, the IE organization staff, the members of the technical program committee and especially our reviewers. They have worked very hard in reviewing papers and making valuable suggestions for the authors to improve their work. Many thanks also to Dr. Erik Cambria for accepting our invitation as keynote speaker of ALLEGET.

As a result of all these efforts, the 3rd edition of ALLEGET has been very successful. Given the rapidity with which science is advancing in all the areas covered by this workshop, we expect that these future ALLEGET edition will be as stimulating as this third one.

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