

## Preface

It is our pleasure to present you the proceedings of the 3rd International Workshop on Computer Information Technologies in Industry 4.0 (CITI-2025), held in Ternopil, Ukraine, from June 11 to 12, 2025. The workshop is organized by the Faculty of Applied Information Technologies and Electrical Engineering of Ternopil Ivan Puluj National Technical University and is aimed at discussing the current state and features of the implementation and use of the latest achievements in the field of computer information technologies in various areas of industry. For "Industry 4.0" the basic is application of such technologies as: Internet of Things, Digital Ecosystems, Big Data Analytics, Complex Information Systems. Actually, the coverage and discussion of the latest scientific achievements in these four directions, which combine modern technical achievements with information technologies for "Industry 4.0", is the main goal of CITI-2025.

This workshop provides opportunities to exchange new ideas establish business or research relationships and find global partners for future cooperation. International Program Committee has 25 members. 100 % of CITI-2025 International Program Committee members have more than 10 DBLP papers. There are the representatives of 7 Ukrainian Universities and of 7 Universities from around the world (Slovakia, Poland, Malaysia and Japan).

The 3rd International Workshop on Computer Information Technologies in Industry 4.0 (CITI-2025) received 51 submission from Ukraine and the world. All papers were evaluated by two or three reviewers. Based on the reviews, a rating of papers was compiled. Papers with a positive average scores were accepted for presentation at the Workshop. According to the decision of the International Program Committee, 32 papers were accepted for presentation at the workshop.

We received papers from scientists from Ukraine, China, Poland, Indonesia and Vietnam. However, not all of these papers have successfully passed peer review.

So, final acceptance rate is 62%. We would like to thank the members of International Program Committee and Organizing Committee, and external reviewers for their excellent and tireless work. We sincerely wish everyone fruitful work and interesting presentations! We hope that the workshop results make a significant contribution to the development of intelligent information technologies in Ukraine and the world.

June, 2025

Andriy Sverstiuk

Pavlo Maruschak