

Preface

It is our pleasure to present you the proceedings of 5th International Conference on Information Technologies: Theoretical and Applied Problems (ITTAP-2025), held in Ternopil, Ukraine, from October 22 to 24, 2025. The Conference is organized by the Faculty of Computer Information Systems and Software Engineering of Ternopil Ivan Puluj National Technical University and Opole University of Technology and focuses on theoretical and practical (technical) problems of recent research and the work of international academics, scientists and practitioners related to intelligent information technology, signaling and systems modeling, and the application of information technology in medicine.

This Conference provides opportunities to exchange new ideas establish business or research relationships and find global partners for future cooperation. International Program Committee Workshop 1 has 15 members, Workshop 2 has 15 members. 100 % of ITTAP-2025 International Program Committee members have more than 10 DBLP papers. There are the representatives of 5 Ukrainian Universities and of 10 Universities from around the world (United Kingdom, Italy, Czech Republic, Poland, India). 5thd International Conference on Information Technologies: Theoretical and Applied Problems (ITTAP-2025) received 56 submissions 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 Conference (Workshop 1 and Workshop 2). According to the decision of the International Program Committee, 43 papers were conditionally accepted for presentation at the workshop. We received camera-ready papers, which were also evaluated by reviewers (it was checked whether all comments and recommendations were taken into account). As a result, only 43 camera ready papers are accepted for presentation at the Conference. The ITTAP-2025 joined scientists from Ukraine, Estonia, India, Indonesia, Kyrgyzstan, Poland, Morocco, United Kingdom. In general, the representatives from 6 Universities from around the world, and 25 Ukrainian Universities will take part in the Conference. So, final acceptance rate is 77%. 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.

Despite the war that Russia is waging against Ukraine, Ukrainian scientists continue to actively working and to develop scientific potential for the development of our independent state.

October, 2025

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