

Sergey Bushuyev  
Nataliia Kunanets  
Volodymyr Pasichnyk



Proceedings of the fifth International Workshop IT Project Management  
(ITPM 2024):  
Volume 1

Bratislava, Slovakia  
May, 2024

Sergey Bushuyev, Nataliia Kunanets, Volodymyr Pasichnyk: The 5th International Workshop IT Project Management (ITPM 2024): Volume 1. Bratislava, Slovakia, May 22, 2024, CEUR Workshop Proceedings (CEUR-WS.org), online.

This volume represents the proceedings of the 5th International Workshop IT Project Management (ITPM 2024), held in Bratislava, Slovakia, in May, 2024. It comprises 23 contributed papers that were carefully peer-reviewed and selected out of 32 submissions.

Copyright © 2024 for the individual papers by the papers' authors.

Copyright © 2024 for the volume as a collection by its editors. This volume and its papers are published under the Creative Commons License Attribution 4.0 International (CC BY 4.0).

It is our pleasure to present to you the proceedings of the 5th International Workshop IT Project Management (ITPM 2024). This volume represents the proceedings of the ITPM 2024 workshop's tracks, which took place in Bratislava, Slovakia, on May 22, 2024.

Workshop materials present the results of original research in the field of IT project management, including project action methodologies, project team management, project analysis from the employers' point of view, important aspects of IT specialists training, formation of emotional states of project team members, etc. The main purpose of ITPM 2024 workshop is a discussion of the recent research results within such tracks:

- Modeling of project management processes in the IT industry.
- Information technologies for project and program management.
- Human resource management and leadership in IT project management.
- Algorithms and tools for decision making in IT project management.
- Design and IT technologies.
- Management of IT projects and programs.
- Formation of project portfolios of IT companies.
- Data mining, application in IT project management.
- Integrated IT project management.
- Training in project management and models of international certification.

The workshop was soliciting only regular papers that had to present original reports of substantive new research techniques, findings or applications and clearly indicate innovative aspects. Detailed presented research procedures or technical solutions should be accompanied by experimental investigations. The paper's results had to be new, clear, and well-argued.

Submission of papers to the workshop was open to all authors from around the world within the framework of the domain area concerning IT project management.

The ITPM 2024 gathered scientists from Ukraine, Slovakia, Belgium. In general, the representatives from 1 foreign University and 17 Ukrainian Universities, as well as 1 Belgian company and 1 National Library of Ukraine have taken part in the workshop:

Kyiv National University of Construction and Architecture	Ukraine
National Aviation University	Ukraine
Admiral Makarov National University of	Ukraine

Shipbuilding	
Odessa National Maritime University	Ukraine
State University of Intelligent Technologies and Communication	
Lviv National Library of Ukraine named after V. Stefanyk	Ukraine
Lviv State University of Life Safety	Ukraine
Lesya Ukrainka Volyn National University	Ukraine
PHEI "Bukovinian University"	Ukraine
Uzhgorod National University	Ukraine
National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"	Ukraine
Dmytro Motornyi Tavria state agrotechnological university	Ukraine
Lviv Polytechnic National University	Ukraine
Ivan Franko National University of Lviv	Ukraine
Vinnitsia Institute of Trade and Economics of State University of Trade and Economics City	Ukraine
Ternopil Ivan Puluj National Technical University	Ukraine
Lviv National Environmental University	Ukraine
Danylo Halytsky Lviv National Medical University	Ukraine
University of Ss. Cyril and Methodius in Trnava	Slovakia
European Nuclear Education Network	Belgium

The official language of the 5th ITPM Workshop was English. The workshop took place in the form of oral online presentations by presenters of peer-reviewed papers.

The Organizing Committee has received 32 submissions, and 23 out of them were accepted for presentation as regular papers. These papers are published in this Volume I of ITPM 2024 proceedings.

Doubtless, the workshop wouldn't have taken place without the support of a number of people. First of all, we would like to thank our partners from Slovak University of Technology, Warsaw University of Life Sciences, Ukrainian Association of Project Management, Kyiv National University of Construction and Architecture, Ternopil National Technical University named after I. Pulyuya, Dortmund University of Applied Sciences and Arts, AGH University of Science and Technology, Lviv Polytechnic National University, Silesian University of Technology.

Furthermore, we would like to thank the Honorary and Programme Chairs, Programme and Organizing Committees, external reviewers, and designer team for their excellent work. We sincerely wish that all attendees benefited scientifically from the workshop and wish them every success in their future research.

May, 2024

Sergey Bushuyev

Nataliia Kunanets

Volodymyr Pasichnyk