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Proceedings of the 4th International Workshop IT Project Management
(ITPM 2023)

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This volume represents the proceedings of the 4th International Workshop IT Project Management (ITPM 2023), held in Kyiv, Ukraine, in August, 2023. It comprises 19 contributed papers that were carefully peer-reviewed and selected out of 34 submissions.

It is our pleasure to present to you the proceedings of the 4th International Workshop IT Project Management (ITPM 2023). This volume represents the proceedings of the ITPM 2023 workshop's tracks, which took place in Kyiv, Ukraine, on May 19, 2023. The workshop materials present the results of original research in the field of information technology development for IT project management, in particular the methodology of project actions, team management for the creation of a software product, project analysis from the employer's point of view, important aspects of training IT specialists, formation of emotional states of project team members.

The main purpose of the ITPM-2023 workshop is to discuss the latest research results in the following areas:
1. Modeling of project management processes in the IT industry.
2. Information technologies for project and program management.
3. Human resource management and leadership in IT project management.
4. Algorithms and tools for decision making in IT project management.
5. Design and IT technologies.
6. Management of IT projects and programs.
7. Formation of project portfolios of IT companies.
8. Data mining, application in IT project management.
9. Integrated IT project management.
10. 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 information technologies and IT project management. The ITPM 2023 gathered scientists from Ukraine, Poland, Kazakstan, Estonia. In general, the representatives from 2 Universities from around the world, 16 Ukraine Universities and National Scientific Library of Ukraine in Lviv:

Lviv State University of Life Safety	Ukraine
Lviv National Environmental University	Ukraine
Lviv Polytechnic National University	Ukraine
Danylo Halytsky Lviv National Medical University	Ukraine
Uzhgorod National University	Ukraine

National Technical University "Kharkiv Polytechnic Institute"	Ukraine
National University "Yuri Kondratyuk Poltava Polytechnic"	Ukraine
Volodymyr Dahl East Ukrainian National University	Ukraine
Lutsk National Technical University	Ukraine
Vasyl Stefanyk National Scientific Library of Ukraine in Lviv	Ukraine
Admiral Makarov National University of Shipbuilding	Ukraine
Kiev national university of construction and architecture	Ukraine
Odesa National Maritime University	Ukraine
International IT University	Kazakhstan
Kharkiv National University of Radio Electronics	Ukraine
O. M. Beketov National University of Urban Economy in Kharkiv	Ukraine
Tallinna linnamae vene lutseum	Estonia
Kremenchuk flight college	Ukraine
O.M. Beketov National University of Urban Economy	Ukraine

May, 19   Volodymyr Pasichnyk

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