## **Preface**

Information Technology and Implementation Workshop 2024: IT Infrastructure and Applied Solutions (IT&I-WS 2024: ITIAS) provides a leading international forum that brings together researchers and practitioners in the field of computer science with the purpose of exploring the fundamental roles, interactions as impacts of information technology in modern world. The purpose well as practical of the event is presentation and discussion of the latest scientific results in the field of computer science. information technology, research and methodologies, techniques and tools for digital development of transformations of society on this basis. The collection includes papers peerreviewed, selected by the program committee and presented Research Conference Information workshops of the 11th International Technology and Implementation (IT&I-2024, November 20-21, 2024, Kyiv, Ukraine). The workshop was held as a video conference using the Zoom platform by topics:

- E-commerce, E-government and E-learning Technologies
- Network, Internet and Smart Technologies
- Software Engineering, Data Structures and Computing

Vitaliy Snytyuk

IT&I-WS 2024: ITIAS Editor

## **Program Committee of the Workshop:**

**Vitaliy Snytyuk**, Professor, Taras Shevchenko National University of Kyiv, Ukraine

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## The Workshop is Organized by

- Taras Shevchenko National University of Kyiv (Faculty of Information Technology, Faculty of Computer Science and Cybernetics)
- National Technical University of Ukraine «Igor Sikorsky Kyiv Polytechnic Institute»
- Viktor Glushkov Institute of Cybernetics of the National Academy of Sciences of Ukraine
- Institute of Information Technology and Learning Tools of the National Academ of Educational Sciences of Ukraine
- Institute for Information Recording of the National Academy of Sciences of Ukraine
- Institute of Software Systems of the National Academy of Sciences of Ukraine
- The Council of Young Scientists of the Faculty of Computer Science and Cybernetics and the Faculty of Information Technology of Taras Shevchenko National University of Kyiv