



**European  
Association of  
Economists**

# Workshop on Digital Economy Concepts and Technologies (DECaT)

Kyiv, Ukraine, April 4, 2025

The aim of the DECaT Workshop is to provide a forum for researchers to discuss current trends focusing on information systems and technologies in the context of the digital economy, the workshop presentation emphasizes the pivotal role of advanced information systems and technologies in transforming economic systems. Central to this discourse is the exploration of how innovative data processing tools, such as cloud computing, big data analytics, and artificial Intelligence, are revolutionizing economic operations and decision-making. The integration of these technologies facilitates more efficient handling and analysis of vast economic data sets, leading to enhanced accuracy in forecasting and policy formulation. This segment of the workshop underscores the transformative potential of information systems and technologies in driving economic growth, efficiency, and sustainability in the digital era, positioning them as foundational elements in the architecture of the modern digital economy.

## Topics

- Information Systems and Technologies in Economics
- Methods and Models of Artificial Intelligence in Economic Systems
- Machine Learning for Prediction of Economy Dynamics
- Experimental Economics
- Innovation Models of Economic Development
- Models of Global Transformations
- Monitoring, Modeling, and Forecasting in the Banking and Insurance Sectors
- Risk Management Models in the Economy
- Cybersecurity in the Development of the Digital Economy

## Editors and Organizing Committee

Kateryna Osadcha, DSc, Prof.

Norwegian University of Science and Technology, Trondheim, Norway

Tetiana Vakaliuk, DSc, Prof.

Zhytomyr Polytechnic State University, Zhytomyr, Ukraine

Viacheslav Osadchyi, DSc, Prof.

Borys Grinchenko Kyiv Metropolitan University, Kyiv, Ukraine