

Preface

for The First International Workshop of Young Scientists on Artificial Intelligence for Sustainable Development



This workshop provides an international forum for young scientists, students from various fields and with cross-disciplinary interests. We have gathered here to provide a platform for young scientists to present their research and scientific results, to motivate students in their scientific endeavors, and to foster creativity in scientific activities.

The First International Workshop of Young Scientists on Artificial Intelligence for Sustainable Development brought together scientists for the first time to solve the problems of using artificial intelligence to support the goals of sustainable development, including for the development of international cooperation of young scientists.

The plenary session of the conference was opened by Professor of the Wroclaw University of Economics and Business Artur Roth. In the report "Artificial Intelligence: Concepts and Applications", Professor Roth outlined the features of using the functional diversity of artificial intelligence in education, science, medicine, and technology.

The professor of civil law of the Jagiellonian University delivered the report "Digital Law of the European Union", professor of European private law, comparative law and Polish private law at the University of Osnabrück, Doctor Honoris Causa, member of the supervisory board of WUNU Fryderyk Zoll. The professor considered the problematic issues of regulatory regulation of new digital legal relations by EU secondary law, outlined the directions of development of EU digital legislation.

Keynote speeches of conference speakers were distinguished by a high level of interactivity, stimulating scientific exchange of opinions and analysis of research results among participants.

The authors presented their reports in the following sections:

- Smart Technologies for Economic and Management

- Innovations in Nature Management and Infrastructure
- Technological Innovations in Law and Social Development
- Application of Artificial Intelligence in Education

There were 46 papers submitted for peer-review to this workshop. Out of these, 19 papers were accepted for this volume, 14 as regular papers and 5 as short papers.

We express our sincere gratitude to all participants of the workshop for the fruitful discussion and significant scientific work of young scientists. Until the next meetings.

Honorary Chairmen

Oksana Desyatnyuk – Rector, WUNU, Ukraine

Andriy Krysovaty – Chairman of the Academic Council of WUNU, Ukraine

Chairmen

Mykola Dyvak – Vice-rector for scientific research, Professor, WUNU, Ukraine

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