Preface
for YAISD-WS 2026: ISAI Workshop on Intelligent Systems and Artificial Intelligence co-located with the Third International Conference of Young Scientists on Artificial Intelligence for Sustainable Development (YAISD 2026)



The scientific scope of the woekshop covered a broad range of topics related to artificial intelligence and intelligent information technologies, including machine learning and deep learning, computer vision, natural language processing, intelligent information systems, data analysis, intelligent software systems, AI applications in education, economics, law and sustainable development, as well as interdisciplinary applications of artificial intelligence.

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 Third International Conference of Young Scientists on Artificial Intelligence for Sustainable Development brought together scientists 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 was addressed by Dr. Frane Urem, Vice Dean of the Šibenik University of Applied Sciences, professor (Croatia), University of Zadar, professor (Croatia), Oracle Academy

CEUR-WS.org/Vol-4326/preface.pdf
CEUR Workshop Proceedings ceur-ws.org ISSN 1613-0073
published 2026-11-11

Instructor (EMEA) with report "«Eco Minds Project" . The second plenary report was attended by Dr. Przemysław Pałka, Assistant Professor of Law, Jagiellonian University, Affiliated Fellow, Yale ISP with report "Cause and Cure: AI-Assisted Compliance Assessment Under EU Digital Regulation".

There were 68 papers submitted for peer-review to this event. Out of these, 17 papers were accepted for this volume.

The papers were evaluated according to their scientific quality, originality, relevance to the conference scope, methodological soundness, technical contribution, clarity of presentation, and completeness of the reported results.

The peer-review process was conducted from March through May 2026. Each submitted paper was assigned to at least three independent reviewers, and the final selection was based on the reviewers' evaluations and recommendations.

All works have undergone a plagiarism check.

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

The scientific quality of the conference was supported by an international Program Committee comprising researchers and academics from universities and research institutions in Ukraine, Poland, the Czech Republic, the United Kingdom, Germany, Croatia, and other countries.

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

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The proceedings present selected contributions covering contemporary challenges and applications of artificial intelligence and intelligent systems. The papers address theoretical, methodological and applied aspects of AI, including machine learning, intelligent information systems, computer vision, data analysis, AI-enabled decision-making and interdisciplinary applications of intelligent technologies.

