

11th Illia O. Teplytskyi Workshop (CoSinE 2024) on Computer Simulation in Education

Co-located with the XVI International Conference on Mathematics, Science and Technology Education (ICon-MaSTEd 2024)

May 15, 2024, Kryvyi Rih – Ukraine

<https://icon-masted.easyscience.education/2024/>

Facebook Event: <https://www.facebook.com/events/1055329645848813>
Facebook Group: <https://www.facebook.com/groups/ccseminar>
Proceedings: Journal of Physics: Conference Series, indexed by: Scopus
Post-proceedings: Educational Technology Quarterly, indexed by: DOAJ

CoSinE 2024 as is

CoSinE is a regular peer-reviewed international workshop co-located with ICon-MaSTEd focusing on theory and practice of computer simulation in education. This workshop was founded by Illia O. Teplytskyi (1941–2018), which pioneering works in the field of computer simulation in education are inspired us.



The information about previous workshops:

1st, March 29, 2005, Kryvyi Rih State Pedagogical University
<https://books.google.com.ua/books?id=aYEIDwAAQBAJ>

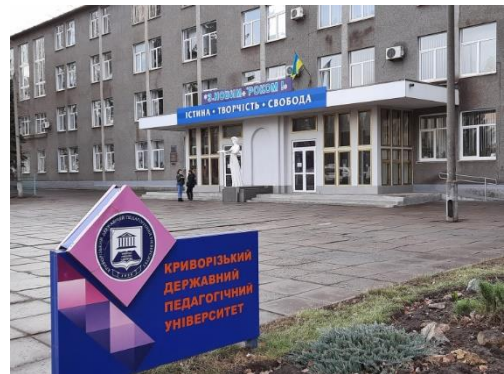
2nd, April 26, 2006, National Metallurgical Academy of Ukraine
<https://books.google.com.ua/books?id=t4IIDwAAQBAJ>

3rd, April 24, 2008, National Metallurgical Academy of Ukraine
<https://books.google.com.ua/books?id=wYIIDwAAQBAJ>

4th, May 12, 2011, National Metallurgical Academy of Ukraine
https://books.google.com.ua/books?id=_oIIDwAAQBAJ

5th, April 6, 2012, National Metallurgical Academy of Ukraine
<https://books.google.com.ua/books?id=xLIMIDwAAQBAJ>

6th, April 12, 2013, Kryvyi Rih National University
<https://books.google.com.ua/books?id=X4oIDwAAQBAJ>



Venue: Kryvyi Rih State Pedagogical University

7th, June 12, 2019, Kherson State University
<https://ceur-ws.org/Vol-2393/>

8th, October 06, 2020, V.N. Karazin Kharkiv National University
<https://ceur-ws.org/Vol-2732/>

9th, October 01, 2021, Kherson State University
<https://ceur-ws.org/Vol-3083/>

10th, December 22, 2022, Institute for Digitalisation of Education of the NAES of Ukraine
<https://ceur-ws.org/Vol-3358/>

CoSinE puts special emphasis on real-world applications of computer simulation in education. Therefore, all contributors are strongly encouraged to demonstrate how and for what purpose the proposed solutions are to be used. Examples could be taken from case studies involving new tools and/or methodological approaches in education, experimental studies with usable learning applications, or surveys revealing new modelling tools in educational research and practice.

The program of CoSinE 2024 will include a contributed presentations of the accomplished work and work in progress. The workshop will be full day.

Important Dates

(23:59 Europe/Kyiv time)

12.12.2023 – **paper** submission deadline

04.04.2024 – **acceptance** notification

23.04.2024 – **final** submission deadline

01.05.2024 – **registration** deadline

15.05.2024 – **workshop** day

Registration

How much does it cost to join the workshop? You need to pay 75 GBP to register for the workshop (one payment per paper).



How can I get a free registration? If you have written a paper that is related to one of the topics of the workshop, you might be eligible for a free registration. The Academy of Cognitive and Natural Sciences gives 7 Best Paper Awards every year to the best papers from Ukraine on each topic. If you win one of these awards, you don't have to pay the registration fee. This is a great opportunity to show your excellent research and save some money.

Topics of interest

CoSinE topics of interest include, but are not limited to, the following:

- Computer simulation in STEM education
- AI in education
- Educational data mining and learning analytics
- Learning environments models
- Learning virtualization
- Modelling systems in education

Submission Types and Requirements

CoSinE solicits (i) full research papers, (ii) discussion, survey, or problem analysis papers, (iii) short/research-in-progress papers. Submissions must be original and should not have been published previously or be under consideration for publication while being evaluated for this workshop.

Submission Guidelines

The only language of CoSinE submissions is **English**. Due to promoting scientific communication, CoSinE live talks can be in any language (but we prefer English).

All submissions must comply with the paper formatting guideline (<https://icon-masted.easyscience.education/2024/example.pdf>). You should use Workshop LaTeX2e class file (<https://icon-masted.easyscience.education/2024/jpconf-with-example.zip>) for the CoSinE submissions.

Submissions must be made in **.pdf** via the Morressier Submission System: <https://www.morressier.com/call-for-papers/64c75e965719c80019290845>

Please submit your paper to the **11th Illia O. Teplytskyi Workshop on Computer Simulation in Education (CoSinE@Icon-MaSTEd 2024)** Track.

Evaluation of Workshop Papers

Every submission will be evaluated by at least three members of the CoSinE Program Committee. Based on evaluation results, the best papers will be accepted for their presentation at the workshop and publication in the proceedings.

Publication of CoSinE 2024

Accepted papers will be submitted to the open access [Journal of Physics: Conference Series](#) (Online ISSN: 1742-6596 / publisher: IOP Publishing) in three months after the workshop.

Presentation

Accepted papers **must be presented at the conference** by one of their authors, who commit to register and attend the workshop. Workshop organizers will withdraw the paper from the publication if the author(s) do not attend the workshop.

Program Committee of CoSinE 2024

Program Committee Co-Chairs

Arnold Kiv (kiv.arnold20@gmail.com), Ben-Gurion University of the Negev, Israel & South Ukrainian National Pedagogical University named after K. D. Ushynsky, Ukraine

Serhiy Semerikov (semerikov@gmail.com), Kryvyi Rih State Pedagogical University, Ukraine

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Liudmyla Bilousova, Academy of Cognitive and Natural Sciences, Israel

Roman Danel, VŠTE České Budějovice, Czechia

Helena Fidlerová, MTF STU Trnava, Slovakia

Irina Georgescu, Academy of Economic Studies, Romania

Vita Hamaniuk, Kryvyi Rih State Pedagogical University, Ukraine

Oleksii Ignatenko, Ukrainian Catholic University & Kyiv Academic University, Ukraine

Michail Kalogiannakis, University of Crete, Greece

Oleksandr Kolgatin, Simon Kuznets Kharkiv National University of Economics, Ukraine

Elena Komarova, Foxford

Piotr Lipiński, Technical University of Lodz, Poland

Natalia Moiseienko, Kryvyi Rih State Pedagogical University, Ukraine

Nataliia Morze, Borys Grinchenko Kyiv University, Ukraine

Ranesh Kumar Naha, University of Tasmania, Australia

Yulia Nosenko, Institute for Digitalisation of Education of the NAES of Ukraine, Ukraine

Laima Okuneviciute Neverauskiene, Vilnius Gediminas Technical University, Lithuania

Liubov Panchenko, National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”, Ukraine

Stamatios Papadakis, University of Crete, Greece

Olga Pinchuk, Institute for Digitalisation of Education of the NAES of Ukraine, Ukraine

Oleg Pursky, Kyiv National University of Trade and Economics, Ukraine

Nina Rizun, Gdańsk University of Technology, Poland

Zarema Seidametova, Academy of Cognitive and Natural Sciences, United States

Oleksandra Sokolyuk, Institute for Digitalisation of Education of the NAES of Ukraine, Ukraine

Kateryna Vlasenko, National University of “Kyiv Mohyla Academy” & LLC Technical University “Metinvest Polytechnic”, Ukraine

Yuliia Yechkalo, Kryvyi Rih National University, Ukraine

Statement on Venue

During the war in Ukraine, the Main Conference and Satellite Workshops will be in hybrid mode (both in-person and online).