

## 10<sup>th</sup> Illia O. Teplytskyi Workshop (CoSinE 2022) Computer Simulation in Education

Co-located with the ACNS Conference on Cloud and Immersive Technologies in Education (CITEd 2022)

December 21, 2022, Kyiv – Ukraine

<https://cited.easyscience.education/2022/>

Facebook Event: <https://www.facebook.com/events/712569596639031>  
Facebook Group: <https://www.facebook.com/groups/ccseminar>  
Proceedings: CEUR Workshop Proceedings, indexed by: DBLP and Scopus  
Post-proceedings: Educational Technology Quarterly, indexed by: DOAJ



Venue: Institute for Digitalisation of Education of the NAES of Ukraine

### CoSinE 2022 as is

CoSinE is a regular peer-reviewed international workshop co-located with CITEd 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:

- 1<sup>st</sup>, March 29, 2005, Kryvyi Rih State Pedagogical University  
<https://books.google.com.ua/books?id=aYEIDwAAQBAJ>
- 2<sup>nd</sup>, April 26, 2006, National Metallurgical Academy of Ukraine  
<https://books.google.com.ua/books?id=t4IIDwAAQBAJ>
- 3<sup>rd</sup>, April 24, 2008, National Metallurgical Academy of Ukraine  
<https://books.google.com.ua/books?id=wYIIDwAAQBAJ>
- 4<sup>th</sup>, May 12, 2011, National Metallurgical Academy of Ukraine  
<https://books.google.com.ua/books?id= oIIDwAAQBAJ>
- 5<sup>th</sup>, April 6, 2012, National Metallurgical Academy of Ukraine  
<https://books.google.com.ua/books?id=xIMIDwAAQBAJ>
- 6<sup>th</sup>, April 12, 2013, Kryvyi Rih National University  
<https://books.google.com.ua/books?id=X4olDwAAQBAJ>
- 7<sup>th</sup>, June 12, 2019, Kherson State University  
<http://ceur-ws.org/Vol-2393/>

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

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

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 2022 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)
- 10.10.2022 – **paper** submission deadline
  - 16.11.2022 – **acceptance** notification
  - 01.12.2022 – **final** submission deadline
  - 10.12.2022 – **registration** deadline
  - 21.12.2022 – **workshop** day

### No Workshop Fee

CoSinE does not charge any workshop fee. Participation is free.

### 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://cited.easyscience.education/2022/example\\_CoSinE.pdf](https://cited.easyscience.education/2022/example_CoSinE.pdf)). You should use Workshop LaTeX2e class file (<https://cited.easyscience.education/2022/example.zip>) for the CoSinE submissions (use the example\_CoSinE.tex file as paper template).

Submissions must be made in **.pdf** by via the CITED Submission System: <https://notso.easyscience.education/cited/2022/>

Please submit your paper to the **10th Illia O. Tepytskyi Workshop on Computer Simulation in Education (CoSinE 2022)** Track.

## Evaluation of Workshop Papers

Every submission will be evaluated by at least three members of the joint CITED 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 2022

Proceedings of the CoSinE, MROL, and 3L-Person workshops shall be submitted to CEUR-WS.org for online publication (February, 2023). The best papers, selected by CITED program chairs, will be recommended for submission to the Education Technology Quarterly (expanded and revised, June 2023).

## 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 2022

### Program Committee Co-Chairs

**Arnold Kiv** (kiv.arnold20@gmail.com), *Ben-Gurion University of the Negev, Israel*

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

**Vladimir Soloviev** (vnsoloviev2016@gmail.com), *Kyryvy Rih State Pedagogical University, Ukraine*

**Andrii Striuk** (andrey.n.stryuk@gmail.com), *Kyryvy Rih National University, Ukraine*

### Joint Program Committee

<https://notso.easyscience.education/cited/2022/users/pc>

## Statement on Venue

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