

**DSMSI-2025**  
**XXI International Conference**  
**DYNAMICAL SYSTEM MODELING**  
**AND STABILITY INVESTIGATION**  
**May 08-10, 2025, Kyiv, Ukraine**  
<https://dsmsi.nicepage.io>

**ORGANIZED BY**

Taras Shevchenko National University of Kyiv  
(Faculty of Information Technologies and  
Faculty of Computer Science and Cybernetics)

**IN COOPERATION WITH**

National Committee of Ukraine on Theoretical and Applied Mechanics  
S.P.Tymoshenko Institute of Mechanics of the National Academy  
of Science of Ukraine  
Institute of Mathematics of National Academy of Science of Ukraine  
V.M. Glushkov Institute of Cybernetics of the National Academy  
of Sciences of Ukraine  
Kiev National Economic University named after Vadym Hetman

**TOPICS:**

**1. Computer applied mathematics.**

- Qualitative research methods of differential, functional-differential and difference systems.
- Study of stability of dynamic systems.
- Bifurcation and chaos in dynamic systems.
- Using the methods of O.M. Lyapunov in the study of systems.
- Numerical methods of mathematical physics.
- Computer computing methods and technologies.
- Specialized software tools and systems Software modeling systems.

**2. Computer applied mechanics.**

- Mathematical modeling in the mechanics of composite materials.
- Modeling and research of dynamic processes in elastic and hydroelastic systems.
- Mathematical modeling in the mechanics of coupled field.

**3. Mathematical foundations of information technologies.**

- Management and optimization methods.
- Dynamic games Continuous-discrete systems.
- Fuzzy modeling and systems with uncertainty.
- Modeling methods in economics and ecology.
- Methods and means of specification of subject areas.
- Methods and means of describing software systems.
- Model and temporal formalisms of modeling dynamic systems.

**IMPORTANT DATES**

April 01, 2025 registration, abstract  
submission deadline  
April 01, 2025 download abstracts  
May 08-10, 2025 working days of the  
conference

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Ass.Prof. Olena Kashpur (Co-chairman, Kyiv, Ukraine)

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Prof. Alexandra Rodkina (Kingston, Jamaica)  
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Ass.Prof. Michael Pokojovy (Norfolk, USA)

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Tymchuk O. (Kyiv, Ukraine)  
Zhuk D. (Mykolaiv, Ukraine)

**PAPER SUBMISSION REQUIREMENTS**

- papers must be in English and at least 10 pages for a full paper, 5-9 pages for a short paper (CEUR standard);
- the DBLP index of at least one of the authors (<https://dblp.org/>) must be greater than 5;
- the title of the paper should reflect the result of the research, not the process of achieving it;
- since the conference has an international status, the bibliography should contain references mainly by foreign authors, the percentage of citations by Ukrainian scientists, including self-citations, should not exceed 20%;
- references must be up-to-date and published no later than 5 years after the date of submission of the article
- papers will be checked for anti-plagiarism, the percentage of matches should not exceed 20% (including with own previous papers);
- one scientist can be the author of no more than two papers;
- a paper can have no more than 5 co-authors.

*All participants are kindly encouraged to make their talks in English!*

**REGISTRATION FEE**

- Ukrainian participants – 500 UAH
- Ukrainian students and PhD students – Free
- International participants – 100 EURO

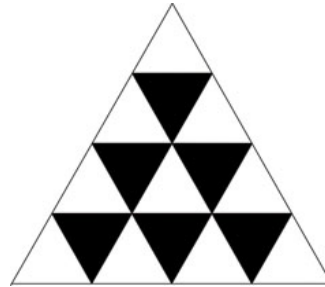
*We are looking forward to see you  
in Kyiv!*



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