

**The 9th International Conference on Computer Science,
Engineering and Education Applications (ICCSEEA2026) - Online**

May 9–10, 2026

Kyiv, Ukraine

ICCSEEA2026 Conference Program

ICCSEEA2026

Conference Sponsors

International Center of Informatics and Computer Science, Ukraine

National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", Ukraine

Lviv Polytechnic National University, Ukraine

National Aviation University, Ukraine

Kharkiv National University of Radio Electronics, Ukraine

Wuhan University of Technology, China

Polish Operational and Systems Society, Poland

Lublin University of Technology, Poland

International Research Association of Modern Education and Computer Science, Hong Kong

ICCSEEA2026 Conference Schedule - Online

Saturday, 9 May 2026

Kyiv time at 10:00 AM

Chairs

Prof. Yevgeniya Sulema, Prof. Vadym Mukhin

ID	Time	Title and video link of the papers	E-mail for questions to the presentation of the paper
		Artificial Intelligence and Software Engineering	
2591	10:00-10:20	An Example of Designing Specification of High-level Requirements of AI-based Software Using ChatGPT	sergey.v.orekhov@gmail.com
2593	10:20-11:40	Impact of Reducing Multicollinearity in a Dataset on Artificial Intelligence Algorithms	researcher.are@gmail.com
2600	10:40-11:00	Comparative Evaluation of Evolutionary Hyperparameter Optimization for Gradient Boosting Ensembles in Clinical Multi-Class Classification	fayzullo-samsu@mail.ru
2604	11:00-11:20	Context-Oriented Framework for Determining Requirements Change Documentation Approaches	d.gobov@kpi.u
2605	11:20-11:40	Feature Selection Methods for Intelligent Software Performance Monitoring Based on Machine Learning	oleshchenkoliubov@gmail.com
2612	11:40-12:00	The Modified Group Method of Data Handling Adaptation for Constructing a Multivariate Regression Given by a Redundant Representation with a Significant Impact of a Random Factor	pavlov.fiot@gmail.com
2613	14:00-14:20	Image noise reduction based on stacking algorithms	anna.pylypenko@knu.ua
2618	14:20-14:40	Mask-Aware Localized Inpainting Method for CPU-Based Inference	oliinyk.volodymyr@edu.kpi.ua
2625	14:40-15:00	A three-level model for detecting and identifying aviation objects using deep learning	yurii.kravchenko@knu.ua
		Network Engineering and Information Security	
2603	15:00-15:20	Adaptive Data Compression Method and Software for Network Transmission Optimization Based on Entropy and Bandwidth Analysis	oleshchenkoliubov@gmail.com
2607	15:20-15:40	Real-time port scanning attack detection using adaptive entropy analysis and random forest-based hybrid model	mrtojyev6886@gmail.com

2616	15:40-16:00	Multi-Scale Temporal Context-Based Feature Engineering for Network Traffic Anomaly Detection	mrtojyev6886@gmail.com
		Big Data and Distributed Computing	
2609	16:00-16:20	Physics-Informed Heterogeneous Graph Transformer within a Hybrid Information Technology Framework for Managing Heterogeneous Big Data in Urban Construction Projects	solovey.ol@knuba.edu.ua
2615	16:20-16:40	Intelligent Load Balancing Framework for Distributed Big Data Processing System	dychka@pzks.fpm.kpi.ua

ICCSEEA2026 Conference Schedule - Online

Sunday, 10 May 2026
Kyiv time at 10:00 AM

Chairs

Prof. A.V. Petrashenko, Prof. Prof. Oleksandra Yeremenko

ID	Time	Title and video link of the papers	E-mail for questions to the presentation of the paper
		Biomedical and Neural Sciences	
2614	10:00-10:30	Hybrid Quantum-Classical Framework for Computational Mental Energy from Multichannel EEG Streams	mykhailo.vernik@pzks.fam.kpi.ua
2706	10:30-11:00	Development of a Compact Wireless Spectrophotometer for Hemoglobin Measurement Based on Microcontroller Technology	fayzulla-samsu@mail.ru
		Mathematical Modeling and Ecology	
2621	11:00-11:30	Mathematical Model of Subpopulation Dynamics in Case of Different Niches for Subpopulations	kuzenkov1986@gmail.com
2622	11:30-12:00	The Method for Best Basis Selection in case of Non-Dyadic Wavelets	oleg.r.chertov@gmail.com
		Biological and Agricultural Technology	
2606	11:20-11:40	Principles of Innovative Technology for Presowing Seed Treatment	yaroslavkornienko206@gmail.com
		Computer Systems and Fault-Tolerant Computing	
2619	11:40-12:00	A Generalized Method for Constructing Graph-Logical Models of Non-Basic Fault-Tolerant Multiprocessor Systems via Model Combination	zavkaf@scs.kpi.ua
		Intelligent Systems and Automation	
2623	14:00-14:20	A Multi-UAV Planning Framework for Task Allocation, Route Optimization and Trajectory Smoothing	nickolay.dev@gmail.com
		Medical Imaging and Image Processing	
2617	14:20-14:40	Quantitative assessment of motion consistency in projection data of chest tomosynthesis	oleksandra.miroshnychenko@npp.kai.edu.ua

		Engineering Technology	
2620	14:40-15:00	Impedance Control of Oil-Water Media by Isolated Coplanar Electrodes	bohdan.merenko-a12322@nung.edu.ua
2608	15:00-15:20	Optimal Control of the Membrane Module Start-Up Mode in the Membrane Distillation Process	lrynus@yahoo.com
		Educational Technology	
2610	15:20-15:40	Adaptive Multi-Stage Fuzzy Logic Model of Student Knowledge Assessment	jorakuvandikov1@gmail.com
2611	15:40-16:00	BKT-driven adaptive platform	olehkotliar@knu.ua
2701	16:00-16:20	Training Technologies for Smart City Specialists	pinchuk@gnpu.edu.ua

Note: Please click on the title of the paper to watch the video presentation. Each video is about 10 - 20 minutes. If you have any questions, please contact the author's email. The authors should reply to any questions on the paper in time. If you have any questions, please don't hesitate to contact us by email iccseea@icics.net.