



## Draft Program of the 6th Edge Computing Workshop (doors 2026)

Zhytomyr, Ukraine, **April 03, 2026**

14:00-16:30 (UTC+3)

Link for workshop: <https://kdpu-edu-ua.zoom.us/j/82592391476?pwd=7Dsyeebbp7hyrFabyWYzmeVdJ76sBm.1>

Meeting ID: 825 9239 1476

Passcode: 230995

Time	Authors	Title of the article
14.00-14.10	Tetiana A. Vakaliuk, Serhiy Semerikov	<b>Welcome remarks</b>
14.10-14.25	Tetiana A. Vakaliuk, Oleksandr V. Andreiev, Oleksandr F. Dubyna, Tetiana M. Nikitchuk, Maksym V. Shevchenko	Increasing the speed of digital image processing in edge devices with limited computing resources
14.25-14.40	Anatolii Kargin, Tetyana Petrenko, Olena Piatykop, Olha Pronina	AI-supported autonomous systems: EDA technology for designing Feeling AI
14.40-14.55	Nataliia Kulykovska, Vitalii E. Alekperov, Karsten Henke, Artur V. Timenko, Tetiana S. Diachuk	Development of hybrid cloud-fog architecture for real-time IoT analytics
14.55-15.10	Dmytro Karnaukh, Mariia Tiahunova, Halyna Kyrychek, Ravil Kudermetov	Research of wireless data transmission protocol parameters for high-frequency IoT-systems based on video cameras and lidars
15.10-15.25	Khrystyna Lipianina-Honcharenko, Oleksandr Stepanyk, Diana Zahorodnia, Pavlo Bykovyy	Resource-Efficient Few-Shot Wildlife Classification Using DINOv2 and Weighted Fuzzy Ensemble
15.25-15.40	Andrii Shvaika, Dmytro Shvaika, Volodymyr Artemchuk	LLM-Based Multi-Agent Framework for IoT Solution Generation in ThingsBoard
15.40-15.55	Mridankan Mandal, Smit Sanjay Shende	Mitigating GIL Bottlenecks in Edge AI Systems
15.55-16.00	Tetiana A. Vakaliuk	<b>Awards and Close Ceremony</b>