



**Program of the
Edge Computing Workshop (doors 2021)
and Workshop on the Quantum Information Technologies (QuaInT 2021)**

Zhytomyr – Kryvyi Rih, Ukraine, [April 01, 2021](#)

Link for workshop: <http://meet.google.com/djv-sdxc-hbz>

| Time | Authors | Title of the article |
|-------------|---|---|
| 13.00-13.10 | Andrii V. Morozov, Tetiana A. Vakaliuk, Andrii M. Striuk | Greetings from the Organizers |
| 13.10-13.30 | Tetiana M.Nikitchuk, Tetiana A. Vakaliuk, Oksana A. Chernysh, Oksana L. Korenivska, Liudmyla A. Martseva and Viacheslav V. Osadchyi | Architecture for edge devices for diagnostics of students' physical condition |
| 13.30-13.50 | Nadiia M.Lobanchykova, Ihor A.Pilkevych and Oleksandr Korchenko | Analysis of attacks on components of IoT systems and cybersecurity technologies |
| 13.50-14.10 | Andriy V. Ryabko, Oksana V. Zaika, Roman P. Kukharchuk and Tetiana A. Vakaliuk | Graph model of Fog Computing system |
| 14.10-14.30 | Anastasia D. Sverdlova, Artur O. Zaporozhets, Ihor V. Bohachev, Oleksandr O. Popov, Anna V. Iatsyshyn, Andrii V. Iatsyshyn, Valeriia O. Kovach, Volodymyr O. Artemchuk and Nataliia M. Hrushchynska | Self-organizing network topology for autonomous IoT systems |

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| 14.30-14.50 | Tania Lorido-Botran, Muhammad Khurram Bhatti | ImpalaE: Towards an Optimal Policy for Efficient Resource Management at the Edge |
| 14.50-15.10 | Taras A. Uzdenov | Task scheduling in Desktop GRID by FSA method: a practical example |
| 15.10-15.30 | V. Kvasnikov, M. Kataieva, V. Kobylyansky | Analysis of metrological detection of nano-measurements |
| 15.30-15.50 | Kamil Khadiev | Quantum Request-Answer Game with Buffer Model for Online Algorithms. Application for The Most Frequent Keyword Problem |
| 15.50-16.00 | Andrii V. Morozov, Tetiana A. Vakaliuk, Andrii M. Striuk | Awards and Close Ceremony |