

December 16, 2022, Kryvyi Rih, Ukraine

CS&SE@SW 2022

5th Workshop for Young Scientists in Computer Science & Software Engineering



CS&SE@SW
2022

Workshop Agenda

- 10:00 Workshop start
<https://kdpu-edu-ua.zoom.us/j/84160786594?pwd=UnVCTGdoaDYzKzZFN3VweDRERHpgQT09>
Meeting ID: 841 6078 6594
Passcode: 973834
- 10:00 Serhiy Semerikov, Andrii Striuk
Greetings
- 10:10 **T. Vakaliuk**, O. Chyzhmotria, O. Chyzhmotria, D. Antoniuk, V. Kontsedailo, V. Kryvohyza
Simulator of computer networks and basic network protocols
<https://youtu.be/9OzvZLfqu6M>
- 10:30 Vladimir Morkun, Natalia Morkun, Vitalii Tron, Alona Haponenko, Iryna Haponenko, Evhen Bobrov
Drill String Vibration Monitoring as an Element of Automatic Control of Drilling
- 10:50 Vladimir Morkun, Natalia Morkun, Vitalii Tron, Oleksandra Serdiuk, Iryna Haponenko, Alona Haponenko
Ultrasonic Cleaning of Ore Particles and Disintegration of Flocculation Formations
- 11:10 A. Tkachuk, **M. Hrynevych**, T. Vakaliuk, O. A. Chernysh, M. Medvediev
An intelligent robotic platform for conducting geodetic and ecological surveys of water bodies
<https://youtu.be/mD84M401j3c>
- 11:30 V. Levkivskyi, G. Marchuk, **O. Kuzmenko**, A. Levchenko
The system of automated diabetes control
<https://youtu.be/e6aMykiOFfM>
- 11:50 **T. Quan**
An Improved Diagonal Loading - Based Minimum Variance Distortionless Response Beamformer
https://youtu.be/z_4lWC4nyYk
- 12:10 **T. Quan**
A Spectral Mask for Generalized Sidelobe Canceller Beamformer
<https://youtu.be/r4hzJOIS7vE>
- 12:30 **T. Quan**

A Different Phase – Based Improved Performance of Differential Microphone Array

<https://youtu.be/oQeT6RV7FqU>

12:50 **S. Lukash**, N. Shapovalova, A. Striuk
NFTs: an Overhyped Gimmick or a Promising Technology of the 21st Century

<https://youtu.be/jeHLoXNrugg>

13:10 **G. Ybytayeva**, N. Khairova, O. Mamyrbaev, K. Mukhsina, B. Zhumazhanov
Experimental verification of collocation detection methods

13:30 **Andrey Kupin**, Dmytro Zubov, Yuriy Osadchuk, Vadym Saiapin
Algorithm and Model of Intelligent Classification for Optimizing the Parameters of Beneficiation Technology

<https://youtu.be/9EVKC8GsTTw>

13:50 Workshop end