

**The 2024 International Conference on Computational Intelligence, Information Technology  
and Systems Research, May 14-17, 2024**

**Tuesday, May 14, 2024**

10:00 – 11:30 Registration

11:30 – 12:00 Opening Ceremony

12:00 – 14:00 W. Pedrycz  
*Knowledge-Data Environment of Machine Learning*

14:00 – 15:00 Lunch

**Wednesday, May 15, 2024**

12:00 – 13:00 Poster Session

13:00 – 13:15 K. B. Tussupova, T. Kalymbekkyzy, D. M. Pshenbay  
*Development of an algorithm for the formation of a brand of a higher educational institution*

13:15 – 13:30 K. B. Tussupova, A. E. Bektibay  
*Detection of air pollution in developed areas using neural networks*

13:30 – 13:45 E. Mazhinov, N. Israilova  
*Using artificial intelligence for environmental monitoring of pasture areas*

13:45 – 14:00 S. Korga, M. Miłosz  
*A new approach to coin classification using artificial intelligence*

14:00 – 15:00 Lunch

15:00 – 15:15 S. Skulimowski  
*The use of vertical and horizontal scaling in the in-depth similarity search using editing distances*

15:15 – 15:30 M. Alymkulova, K. Sharsheeva  
*Automated system for analyzing the operation of public transport*

15:30 – 15:45 Y. Kadyr, T. Yermek, B. Sh. Razahova, A. Nazyrova  
*Intonation model for simple sentences of the Kazakh language for a Kazakh language synthesizer*

15:45 – 16:00 N. T. Momunalieva  
*Review and analysis of methods for optimizing and modeling base station positioning*

16:00 – 16:15 E. Amanbayeva, G. Dzhsupbekova, N. Toilybayev, G. Ordabayeva  
*Methods of organization of network topology based on SD-WAN technology*

16.15 – 16.30 P. Nso-Mangue, S. Luján-Mora  
*Web Accessibility of Open Access Journals in Sub-Saharan Africa*

- 16:30 – 16.45 B. Sterniczuk, M. Charytanowicz  
*Classification of Brain Tumor MRI Images Using Convolutional Neural Networks*
- 16.45 – 17.00 P. Wójcicki, T. Zientarski  
*The impact of noise on deepfake audio detection*
- 17:00 – 17.15 K. Baran  
*Lightweight CNN for stress classification*
- 17:15 – 17:30 K. Chwaleba  
*Application of mel-spectrograms in Polish national music recognition – case study*
- 17.30 – 17.45 W. Wach  
*Registering vehicle movements using motion capture data – methodology and further implementations*
- 17.45 – 18.00 Discussion

## Thursday, May 16, 2024

- 10:00 – 10:30 Organising committee meeting
- 14:00 – 17:00 Programme committee meeting
- 18:00 – 20:00 Cultural event

## Friday, May 17, 2024

- 12:00 – 13:00 Organising committee meeting
- 13:00 – 14:00 Lunch
- 14:00 – 15:00 Discussion and Closing

Poland, Warsaw Time: Central European Time Zone

### Session's place:

Lublin University of Technology, Department of Computer Science, PE 111, Nadbystrzycka 36B.

Remote Session: MS Teams