Plan seminarium naukowego Katedry Informatyki WEiI

28.11.2024 (czwartek), g. 10:30, sala RW WEiI

10:30-11:00 – Nurzada Amangeldy (L.N. Gumilyov Eurasian National University, Astana, Kazakhstan): **SignBridge project.**

Content: The project is to AI development aimed at assisting people with hearing and speech impairments. The SignBridge project will provide access to a virtual sign language translator, enabling the integration of sign language into everyday life and digital environments.

11:00-11:15 – Nazira Tursynova (L.N. Gumilyov Eurasian National University, Astana, Kazakhstan): **Developing an NLP model capable of translating natural text into sign language glosses.**

Content: PhD dissertation project plan. The research aims to create an efficient system that simplifies textual information into key semantic units reflecting gestures. This work has significant potential for applications in inclusive technologies, providing people with hearing impairments access to information in sign language.

11:15-11:30 – Nurzada Amangeldy (L.N. Gumilyov Eurasian National University, Astana, Kazakhstan): **Project Scanning of Personal Protective Equipment.**

Content: The project is to development using the YOLO 10 algorithm, will be presented. This project focuses on the automated control of compliance with safety standards in industrial settings. The system ensures high accuracy in detecting and classifying protective equipment, contributing to enhanced safety levels and reduced incidents of workplace accidents.