

Dissertation theses – 2025

- “Advanced artificial intelligence algorithms for discerning between natural and artificial seismic signal sources” (*Alexandru-Costin ANDREI*).
- “Generative model conditioning for text-based speech synthesis” (*Radu-George BOLBORICI*).
- “Advanced deep learning techniques for automatic speech synthesis” (*Ovidiu-Andrei BURCEA*).
- “Voice chatbot for medical appointments” (*Mihaela-Teodora DINU*).
- “Analysis of vulnerabilities associated with SSH key usage” (*Adrian-Florentin DOBRE*).
- “Intelligent agent for interactive virtual environments” (*Marius-Vlad DUMITRU*).
- “Passive detection of faked images using machine learning algorithms” (*Cristina-Rebeca IONIȚĂ*).
- “Camera-radar fusion for detecting 3D objects in the context of self-driving vehicles” (*Cerasela-Mălina MANOLACHE*).
- “Advanced techniques for automatic spoofed speech detection in speaker recognition-based biometric systems” (*Cristian-Teodor NEAMȚU*).
- “Large Language Model (LLM) for evaluating the degree to which security directives are implemented in C code structures” (*Dorin NUȚEANU*).
- “Android application for real-time emotion recognition from facial expressions and speech using convolutional neural networks” (*Adrian-Alberto PETRACHE*).
- “Advanced artificial intelligence techniques for detecting seismic events” (*Silviu-Florian SÂIA*).
- “Usage of advanced deep learning technologies for classifying and generating MRI images in the detection of the stages of Alzheimer’s disease” (*Maria-Alexandra ȘUȘNEA*).
- “Intelligent support agent for interaction in low-dimensional virtual spaces” (*Cristian VLAD*).
- “Image authentication using digital signatures” (*Mihaela-Elena CIURTIN*).
- “Adaptive filtering algorithms for ambient noise reduction” (*Alexandra-Claudia DOBRE*).