

Session Program

17-19 Sept 2025

2025 RoEduNet Conference: Networking in Education and Research

Pervasive Systems and Computing

Tehnicul University of Moldova
168, Stefan cel Mare bd, Chisinau, Republic of Moldova

Friday 19 September

14:00

Pervasive Systems and Computing

Session | **Location:** Room 3, Technical University of Moldova | **Convener:** Valentina TIRSU

14:00–14:15 **Manipulation Detection of the Bank Sector**

Speaker

Mircea Badoi

14:15–14:30

Evaluating LLMs for Automated Requirement and Test Case Generation in Railway Signaling Systems

Speaker

Mr Ionuț-Gabriel OȚELEA

14:30–14:45

Applying OpenTelemetry Metrics to Monitor Urban Air Quality Sensors

Speakers

Razvan Bogdan, Mr Sebastian Petruc

14:45–15:00

Context-Aware Passenger Comfort Estimation for Pervasive Mobility Systems

Speakers

Mr Armin Török, Mr David Szilagyi, Iulian Benta

15:00–15:15

Energy Profiling of 5G Cellular Modems at the Software-Hardware Interface

Speaker

Paul-Cristian Banu-Țăran

15:15–15:30

Architecture for the automatization of virtual prototyping for chip design at silicon level

Speaker

Mr Theodor Ioan Buliga

15:30