

# **2025 RoEduNet Conference: Networking in Education and Research**

**Wednesday 17 September 2025 - Saturday 20 September 2025**

**Tehnickal University of Moldova**

## **Scientific Programme**

## **Networking in Education and Research**

European NRENs Status and Evolution  
Collaborative and Groupware Applications  
Web Content Delivery Applications  
High Performance Computing and Distributed Computing  
e-learning

## **Network Security**

Intrusion Detection  
Vulnerabilities and Attack Taxonomies  
Policies in Educational Networks  
Security Engineering  
Authentication, Access Control and Audit

## **Technologies for Future Internet**

Networking Infrastructures Technologies  
QoS  
Traffic Engineering  
VoIP and Video Conference  
Multimedia Streaming  
Network Protocols  
Broadband Access Technologies  
Green Computing

## **Quantum Communications**

Quantum Communications and Quantum Cryptography  
Quantum Computing and Quantum Simulation  
Quantum Networks  
Quantum Control and Quantum Engineering

## **Grid, Cloud & High Performance Computing in Science**

Grid, Cloud & High Performance Computing in Science

## **Cloud Computing and Network Virtualisation**

Cloud  
Virtualisation  
Software-defined Networking

Programmable Networking

## **Network Management**

Network Operation Centres  
Network Services Management  
Fault Tolerance  
Network Monitoring  
Policy-Based Management  
Remote Network Management

## **Sensor Networking**

Sensor Networks Architectures and Applications  
Sensor Networks Monitoring and Management  
Wireless Information Networks  
Signal Processing  
Ad Hoc Networks

## **Data FAIRness in Science**

Data FAIRness in Science

## **Wireless and Mobile Networks**

Mobile Internet Applications  
Cellular Networks, Femtocell Networks

## **Pervasive Systems and Computing**

System Architectures and Platforms  
Hardware Support Pervasive Computing and Communication  
Software Infrastructures for Pervasive System  
Middleware Services and Agent Technologies  
Integration of Wired and Wireless Networks  
Security and Privacy for Pervasive Systems  
Ubiquitous Computing

## **Security & Resilience in Cyber-Physical Systems**

Industrial Internet of Things  
Networked Industrial Control Systems SCADA Systems Additive Manufacturing Critical Infrastructures

## **Open Source and GNU in Education and Research**

GNU and GPL in Education  
Operating Systems  
Application for Education and Research  
Software Solutions for Network Managemen

## **Open Distance Learning**

Web-Education Systems  
The Future of Learning  
Quality of ODL

## **Social Networking and Services**

Impact of the Internet in Social Society  
Computer Aided Education  
Cloud as Services  
e-Commerce, e-Banking, e-Economy  
e-Services for community

## **Social Aspects of Networking Environment Today**

Impact of the Internet in Social Society  
Computer Aided Education

## **Doctoral Symposium**

RoEduNet-2024 Doctoral Symposium