



**Seminars of the Institute of Radiocommunications  
in the winter semester of the academic year 2024/25**

- 1. Bartosz Koprás**  
“Optimization of Energy Efficiency in Fog Computing with Latency Constraints”  
**17 October 2024**
- 2. Karolina Lenarska**  
“New Two-Way Relaying Transmission Schemes for 5G Wireless Communication Systems”  
**7 November 2024**
- 3. Cezary Adamczyk**  
“Advances in works on AI/ML-based Conflict Mitigation in O-RAN”  
**21 November 2024**
- 4. Małgorzata Wasilewska**  
“New machine learning methods for spectrum sensing in wireless communication systems”  
**28 November 2024**
- 5. Łukasz Kułacz**  
“Spectrum occupancy detection based on centralized or distributed federated learning”  
**12 December 2024**
- 6. Younes Salmi**  
“Model-Based Machine Learning for Real-Time Task Classification and Scheduling”  
**19 December 2024**
- 7. Mustafa Alkalsh**  
“Dynamic Load-Balancing Mechanisms for Small Cell Networks in Ultra-Dense Environments”  
**9 January 2025**

The seminars take place in the building of the Faculty of Computing and Telecommunications, 3 Polanka Str. Room no. 101, at 11:45.