

Pollack Mihály Faculty of Engineering and Information Technology IT and Electrics

Innovative Electric Technologies
Department

RESEARCH AREAS

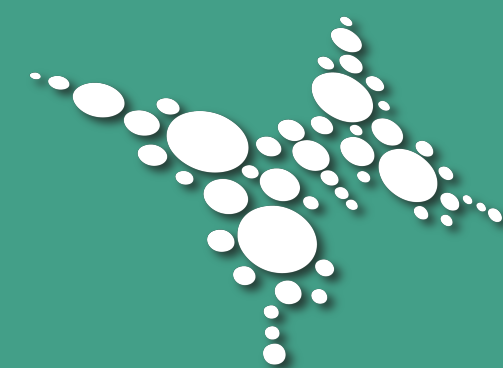
- Analysis of conducted and transmitted interference
- Analyzing low- and medium voltage networks and public lighting interference
- Analyzing the electromagnetic interference of low- and medium voltage public cables, high / medium and medium / low voltage transformer stations and public lighting devices.
- Creating referential data and identifying sources of concrete interference
- Development and analysis of biological data collection systems
- Development of geophysics measuring systems
- Automation and control
- EMC
- Environment-friendly energetic

PRODUCTS & SERVICES

- Wired and wireless data transfer, communication
- High accuracy measuring in the above mentioned fields
- Measuring technologies
- Error location and identification, reports and feasibility studies
- Sound technologies
- Collection, organization and processing of referential data in the fields of EMC and renewable energy sources
- Development of automation and data transfer
- Development of measuring instruments and processes
- Development and analysis of communicational processes and systems, analysis of wireless systems, emission and EMC profiles.
- Development of data transfer equipment in medicine
- Analysis, planning and measuring of sound transmission systems

SPECIAL INSTRUMENTATION, LABORATORY

- Network analyzer
- Spectrum analyzer
- EMC receiver
- High frequency aerial
- Signal analyzer
- High performance oscilloscopes
- Insulation Class measuring instruments
- Self-developed special instruments



RESEARCH GROUP'S LEADER:

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