

DEPARTMENT OF RADIO AND ELECTRONICS

<http://www.kre.elf.stuba.sk/>

Head of Department

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I. STAFF

Professors	professor emeritus Ing. Igor Baláž, DrSc., professor emeritus Ing. Florián Makáň, PhD.
Associate Professors	Doc. Ing. Peter Hajach, PhD., Doc. Ing. Ján Hribík, PhD., Doc. Ing. Vladimír Kudják, PhD., Doc. Ing. Peter Kulla, PhD., Doc. Ing. Oldřich Ondráček, PhD., Doc. Ing. Peter Podhoranský, PhD.
Assistant Professors	Ing. Zdenko Brezovič, PhD., Ing. Elena Cocherová, PhD., Ing. Miroslav Hagara, Ing. Zuzana Krajčušková, PhD., Ing. Peter Kubinec, Ing. Marek Kukučka, PhD., Ing. Branislav Lojko, Ing. Marián Minárik, PhD., Ing. Jozef Petrek, PhD., Ing. Anna Přibilová, PhD., Ing. Jozef Púčik, PhD., Ing. Vladimír Štofánik, PhD.
Research Workers	Ing. Ján Bezek, PhD., Ing. Vladimír Bilík, PhD., Doc. Ing. Peter Fuchs, PhD.
Technical Staff	Bohumil Frey, Ivana Prokopová, Gabriela Vránová (secretary) Edita Boďová
PhD. Students	Ing. Marek Černý, Ing. Matúš Jendruch, Ing. Radovan Konečný, Ing. Stanislav Kozinka, Ing. Filip Krajčovič, Ing. Peter Kupec, Ing. Marek Patsch, Ing. Luboš Staňák, Ing. Peter Šaštinský, Ing. Jozef Šurda

II. EQUIPMENT

II.1 Teaching and Research Laboratories

- Laboratory of Analog Circuits and Systems and Navigation
- Research Laboratory of Wireless Communication and Navigation
- Laboratory of RF Circuits and Systems
- Laboratory of Microwave Fundamentals
- Laboratory of Microwave Measurements
- Laboratory of Microwave Applications
- Laboratory of Antennas and Wave Propagation
- Laboratory of Radio Communication Technology
- Echoic Acoustical Chamber (subterrain)
- Laboratory of Power Radio Electronics
- Laboratory of Electroacoustics
- Laboratory of Analog and Digital Television
- Laboratory of Audio Engineering
- Laboratory of Signal Processors and Microcontrollers
- Laboratory of Digital Circuits
- Research Laboratory of Audio and Video Technologies
- Laboratory of Medical Electronics Instrumentation

- Research Laboratory of Electronic Power Measurement
- Research Laboratory of Signal Processors and Microcontrollers Applications
- Laboratory of Signal Processing
- Laboratory of Electronic Devices and Circuits
- Laboratory of Electronic Measurement
- Laboratory ESF - EDUCTV
- Laboratory of PhD. Graduates and Students
- Research Laboratory in Medical Engineering

II.2 Special Measuring Instruments and Measuring Systems

- Six-Port Reflectometers and Automatic Impedance Matching System for High-Power Industrial Applications
- European Customer Training Centre – Texas Instruments (DSP TMS320C2xx, TMS370, TMS320C5x, TMS320C6xxx, MSP430)
- Precise Registration / Calibration Electricity Meter
- Precise Digital Network Analyzer and Standard Meter PEM 6711

III. TEACHING

III.1 Undergraduate Study (Bc.)

Subject, semester, hours per week for lectures and for seminars or practical exercises, name of the lecturer:

Electronic Devices and Circuits	(3rd, 4th sem., 3-2h)	V. Kudják
Signals and Systems	(4th sem., 3-2h)	O. Ondráček
Analog Circuits	(5th, sem., 3-2h)	V. Štofánik
Microwave Engineering	(5th, sem., 3-2h)	P. Hajach
Wireless Communications Technology	(5th sem., 2-2h)	P. Podhoranský
Electronic Circuits	(5th sem., 3-2h)	P. Kulla
Bachelor Project I	(5th, sem., 0-4h)	O. Ondráček
Digital and Pulse Circuits	(6th sem., 3-2h)	P. Kulla
Microwave Engineering and Radio Communications	(6th, sem., 3-2h)	P. Hajach, P. Podhoranský
Microcontrollers	(6th sem., 2-2h)	P. Fuchs
Bachelor Project II	(6th sem., 0-8h)	O. Ondráček

III.2 Graduate Study (Ing.)

Digital Signal Processing	(1st sem., 3-2h)	O. Ondráček
Microcontrollers	(1st sem., 2-2h)	P. Fuchs
Circuits of Radio Communication Systems	(1st sem., 3-2 h)	V. Kudják
Radio Communication	(2nd sem., 3-2h)	J. Petrek
Digital Signal Processors	(2nd sem., 3-2h)	P. Fuchs
Analysis of Biosignals and Systems	(2nd sem., 3-2h)	J. Púčik
Radionavigation Systems	(2nd sem., 3-2h)	M. Minárik
Electronic Measurement, Devices and Systems	(2nd sem., 3-2h)	J. Hribik
Antennas and Radio Communications Link Design	(2nd sem., 3-2h)	P. Hajach
Signal Recording	(2nd sem., 3-2h)	P. Podhoranský
Audio Engineering	(2nd sem., 3-2h)	A. Přibilová
Telemedicine Techniques	(2nd sem., 3-2h)	M. Kukučka, Z. Krajčůšková
Diploma Project I	(1st, 2nd sem., 0-6h)	V. Kudják, O. Ondráček

Diploma Project II	(2nd, 3rd sem., 0-6h)	V. Kudják, O. Ondráček
Diagnostic in Medicine	(3rd sem., 3-2h)	M. Kukučka, J. Púčik
Sound Technology	(3rd sem., 3-2h)	A. Přibilová
Influence of Electromagnetic Radiation on Biological Objects	(3rd sem., 3-2h)	E. Cocherová
Radio Communication Technique	(3rd sem., 3-2h)	J. Petrek
Power Electronics	(3rd sem., 3-2h)	J. Hribik
Analog and Digital Television	(3rd sem., 3-2h)	P. Kulla
Team Project	(3rd sem., 0-8h)	V. Kudják, O. Ondráček
Diploma Project III	(3rd, 4th sem., 0-6h)	V. Kudják, O. Ondráček

III.3 Undergraduate and Graduate Study for Foreign Students (in English Language)

Analog Circuits	V. Štofanič
Bachelor Project I	O. Ondráček
Microwave Engineering	P. Hajach
Wireless Communications Technology	P. Podhoranský

IV. RESEARCH PROJECTS

- Audio-Visual Representation of Emotional States. COST 2102/STU/08, A. Přibilová
- Scanning Capacitance Transient Microscope for Semiconductor Analysis on the Nanoscale. VEGA No. 2/0107/08, J. Hribik
- Portable AC Current and Voltage Source for Electronic Electricity Meters Testing. J. Hribik, M. Hruškovíc
- CWFM Signals Creation and Research of Influence on Biological Objects; Technical and Environmental Approach. VG 1/3093/06, I. Baláž
- Modern Methods of Digital Signal Processing in Radio Electronics, Biomedicine, Electronic Measurement, Multimedia and Vehicular Technology, AV-4/0012/07, P. Fuchs
- Modern Systems of Signal Processing Applications in Audio-Video Technique – Part Audio, A. Přibilová
- AMR and PLC Communication, P. Podhoranský
- Modern Systems of Signal Processing Applications in Audio-Video Technique – Part Video, P. Kulla
- Portable AC Current Source – Part Electricity Measurement, M. Hruškovíc, J. Hribik
- Digital Processing of Biomedical Signals, E. Cocherová
- Digital 3-Phase Calibration Electricity Meter with DSP TMS320C6711, P. Fuchs
- Single Phase Electricity Meter with Micro-Controller MSP430FE427, P. Fuchs
- Electronic Calibration Station EKS 05-3, P. Fuchs
- Frequency Synthesis in the LERA Transceiver by the DAFC, P. Fuchs
- Digital Frequency Locked Loop with High Spectral Purity, P. Fuchs, B. Lojko
- Control Application Based on GSM, GPS and USB Technology, P. Fuchs, B. Lojko
- Adaptive Noise Canceling of the Acoustic Signal, P. Fuchs, L. Burián
- Aviation Radio Station 'LERA TRX 1.5S', P. Fuchs, B. Lojko
- Digital Calibration and Registration Electricity Meter, P. Fuhs, J. Hribik

Collaboration:

- Aeronautical Station LERA TRX 1.5S (LOBB, Banská Bystrica)
- Digital Calibration/Registration Electricity Meter (Křížik GBI jsc, Prešov)
- Electronic Calibration Station EKS-03 (Applied Meters jsc, Prešov)
- Portable AC Current and Voltage Source for Electronic Electricity Meters Testing (Applied Meters, Inc., Prešov)

V. COOPERATION**V.1 Cooperation in Slovakia**

- Academy of Music and Dramatic Arts, Film and Television Faculty
- Applied Meters, Inc., Prešov
- ANDIS Ltd. Bratislava
- AMSET Ltd., Bratislava
- Centre of Acupuncture, Bratislava
- ComErgon Ltd., Bratislava
- HIS SENZOR Ltd., Prešov
- Institute of Physics, Slovak Academy of Sciences, Bratislava
- Institute of Measurement, Slovak Academy of Sciences, Bratislava
- Institute of Molecular Physiology and Genetics, Slovak Academy of Sciences, Bratislava
- Institute of Metrology Bratislava
- LOBB, Banská Bystrica
- Main Data, Bratislava
- Mediatech, Bratislava
- Mensch & Technik Energiemanagement Ltd., Bratislava
- National Academy of Defence, Liptovský Mikuláš
- National Security Institute, Bratislava
- PHILIPS Slovakia, Bratislava
- PRIUS, Bratislava
- Prof. Dérer Faculty Hospital, Bratislava
- RACOM, Slovakia
- SATRO Ltd., Bratislava
- Slovak Broadcasting Corporation, Bratislava
- Slovak Institute of Technical Normalization, Bratislava
- Slovak Telecommunications / Radiocommunications, Bratislava
- Slovak Television, Bratislava
- MIRONIX Bratislava
- Special Software and Systems, Bratislava
- Telecommunication Office SR, Bratislava
- T-Mobile
- Transient MS Ltd., Bratislava
- University of Technology, Košice
- University of Technology, Žilina
- VÚS, Banská Bystrica
- ZPA Křížik GBI jsc, Prešov

V.2 International Cooperation

- Agilent Technologies, Inc., Santa Clara, CA, USA
- AS Crystal, Hradec Králové, CzR
- Czech Technical University, Prague, CzR
- GAČR, Prague, CzR
- IBME Brno, CzR
- Institut für Allgemeine Physik, TU Vienna, Austria

- Ilmenau University of Technology, Germany
- Laboratory for Biomedical Informatics, Delft, the Netherlands
- MtronPTI, Orlando, FL, USA
- Muegge Electr., GmbH, Germany
- Nofech Electronics Ltd., Jerusalem, Israel
- PHILIPS, Components Center Vienna, Austria
- Technical University Brno, CzR
- Technical University Ostrava, CzR
- Texas Instruments, Inc, USA
- University of Applied Sciences, Heilbronn, Germany
- Universite de Nantes, France
- URE AV CzR, CzR
- URSI Prague, CzR
- UTIA AV CzR, CzR
- TRICOM GmbH, Freising, Germany
- TR instruments Ltd., Brno, CzR
- Xidian University, Xidian, China.

V.3 Membership in International Organizations and Societies

- I. Baláž: URSI, Union Radio-Scientifique Internationale, Member of NC
- I. Baláž: IEEE, The Institute of Electrical and Electronics Engineers, Member
- E. Cocherová: IEEE, The Institute of Electrical and Electronics Engineers, Member
- E. Cocherová: IFMBE, the International Federation for Medical and Biological Engineering
- E. Cocherová: Czech and Slovak Radioengineering Society, Member
- J. Hribík, O. Ondráček, Z. Krajčušková: Radioengineering, Proceedings of Czech and Slovak Technical Universities and URSI Committees, Members of Editorial Board, IEEE
- Z. Krajčušková: URSI, Scientific Secretary
- Z. Krajčušková, Czech and Slovak Radioengineering Society, Member
- Z. Krajčušková – Radioengineering, Proceedings of Czech and Slovak Technical Universities and URSI Committees, Member of Editorial Board
- Z. Krajčušková: IFMBE, the International Federation for Medical and Biological Engineering
- M. Kukučka: IFMBE, the International Federation for Medical and Biological Engineering
- V. Kudják: IEEE, The Institute of Electrical and Electronic Engineers, Member
- P. Kulla: IET, The Institution of Engineering and Technology, Fellow
- O. Ondráček: Acta Electrotechnica et Informatica, Proceedings of TU Košice, Member of Editorial Board
- O. Ondráček: IFMBE, the International Federation for Medical and Biological Engineering
- J. Púčik: IFMBE, the International Federation for Medical and Biological Engineering
- A. Přibilová: Audio Engineering Society (AES), Member, Contact person of the AES Slovak Section
- A. Přibilová: COST Action 2102 - Cross-Modal Analysis of Verbal and Non-verbal Communication, Member of the Management Committee
- V. Štofanič: URSI, Union Radio-Scientifique Internationale, Member
- V. Štofanič: IEEE, The Institute of Electrical and Electronic Engineers, Member
- V. Štofanič: IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society, Member
- V. Štofanič: IEEE Communications Society, Member

V.4 Membership in Slovak Organizations and Societies

- E. Cocherová: SBIMI, Society for Biomedical Engineering and Medical Informatics, Member of Committee
- E. Cocherová: SKBS, Slovak Biophysical Society, Member
- Z. Krajčušková: SBIMI SLS, Society for Biomedical Engineering and Medical Informatics, Scientific Secretary of the Section of Medical Informatics, Member of Committee

- Z. Krajčušková: Association of Alumni and Friends University, Member of Bureau
- O. Ondráček: SBIMI, Society for Biomedical Engineering and Medical Informatics, Member
- J. Púčik: SBIMI, Society for Biomedical Engineering and Medical Informatics, Member

VI. THESES

VI.1 Masters Theses

Masters theses supervised at the Department of Radio and Electronics. The names of supervisors are in brackets.

none

VI.2 Doctoral Theses

- [1] Brezovic, Z.: Contribution to Optimization of Dynamic and Noise Properties of Phase-Locked Loop. (V. Kudják)

VII. OTHER ACTIVITIES

- Organizing of the 19th International Conference Radioelektronika 2009. Bratislava, 22 - 23 April, 2009
- P. Fuchs, M. Hruškovic, J. Hribik: Small Power Source for Meters Checking PPS 111. 11th Annual Metering, Billing/CRM Europe Conference and Exhibition, October 6-8, 2009, Barcelona, Spain. In the stand of the participant: Applied Meters, Inc., Prešov – Osaki Electric Co. Ltd., Japan.

VIII. PUBLICATIONS

VIII.1 Journals

- [1] GAŠPARÍK, I., ONDRÁČEK, O.: The Reliability Model of Radiocommunication System. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 15, Special Issue (2009), p. 4-7. (in Slovak)
- [2] KRAJČUŠKOVÁ, Z.: Dr. František Židek – 75 Years Old. In: Spektrum. - ISSN 1336-2593. - Vol.16, No.1 (2009), p. 17. (in Slovak)
- [3] KRAJČUŠKOVÁ, Z.: Dr. Ivan Spudil – 70 Years Old. In: Spektrum. - ISSN 1336-2593. - Vol. 15, No. 4 (2009), p. 23. (in Slovak)
- [4] KRAJČUŠKOVÁ, Z.: Professor Igor Baláž - 70 Years Old. In: Spektrum. - ISSN 1336-2593. - Vol. 15, No. 4 (2009), p. 22. (in Slovak)
- [5] KRAJČUŠKOVÁ, Z.: 19. International Scientific Conference Radioelektronika 2009. In: Spektrum. - ISSN 1336-2593. – Vol. 15, No. 10 (2009), p. 13-14. (in Slovak)
- [6] ONDRÁČEK, O., COCHEROVÁ, E., KRAJČUŠKOVÁ, Z.: Trends in Biomedical Engineering. In: Spektrum. - ISSN 1336-2593. – Vol. 15, No. 4 (2009), p. 12. (in Slovak)
- [7] PŘIBIL, J., PŘIBILOVÁ, A.: Statistical Analysis of Spectral Properties and Prosodic Parameters of Emotional Speech. In: Measurement Science Review. - ISSN 1335-8871. - Vol. 9, No. 4 (2009), p. 95-104. (in English)

VIII.2 Conference Proceedings

- [1] BÁTORFI, K., PÚČIK, J.: Two-Electrode Biopotential Measurement. In: ŠVOČ 2009. Proceedings of Winning Works. Bratislava, Slovak Republic, 29.4.2009. - Bratislava: FEI STU, 2009. - ISBN 978-80-227-3094-5. - CD-Rom. (in Slovak)
- [2] BILÍK, V., BEZEK, J.: Automatic Impedance Matching under High Power Complex Signal Conditions. In: Radioelektronika 2009: 19th International Conference. Bratislava, Slovak Republic, 22.-23.4.2009. - Brno: University of Technology, 2009. - ISBN 978-80-214-3865-1. - ISBN 978-1-4244-3538-8. - p. 141-144. (in English)
- [3] BILÍK, V., BEZEK, J.: Electromagnetic Simulation Study of High Power Limits of Waveguide Stub Tuners. In: AMPERE 2009: 12th International Conference on Microwave and High Frequency Heating. Karlsruhe, Germany, 7.-10.9.2009. - Karlsruhe: Institute of Technology, 2009. - p. 343-346. (in English)
- [4] BREZOVIČ, Z., KUDJÁK, V.: Optimization PLL Synthesizer with Active RC Notch Filters. In: Radioelektronika 2009: 19th International Conference. Bratislava, Slovak Republic, 22.-23.4.2009. - Brno: University of Technology, 2009. - ISBN 978-80-214-3865-1. - ISBN 978-1-4244-3538-8. - p. 199-202. (in English)
- [5] BREZOVIČ, Z., KUDJÁK, V.: PLL Phase-Noise Modeling by PC. In: Radioelektronika 2009: 19th International Conference. Bratislava, Slovak Republic, 22.-23.4.2009. - Brno: University of Technology, 2009. - ISBN 978-80-214-3865-1. - ISBN 978-1-4244-3538-8. - p. 195-198. (in English)
- [6] COCHEROVÁ, E., ŠURDA, J., PÚČIK, J., ŠTOFANIK, V.: Dependence of the RF Field Absorption on the Human Body Dimensions. In: Radioelektronika 2009: 19th International Conference. Bratislava, Slovak Republic, 22.-23.4.2009. - Brno: University of Technology, 2009. - ISBN 978-80-214-3865-1. - ISBN 978-1-4244-3538-8. - p. 327-329. (in English)
- [7] COCHEROVÁ, E., ŠURDA, J., ŠTOFANIK, V.: Simulation of the RF Field Absorption in the Human Body Model. In: Trends in Biomedical Engineering Czech-Slovak Conference. Bratislava, Slovak Republic, 16.-18.9.2009. - Bratislava: STU, 2009. - ISBN 978-80-227-3105-8. - p. 264-266. (in English)
- [8] FIEBER, E., LOJKO, B.: Car Security System A10F09. In: ŠVOČ 2009. Proceedings of Winning Works. Bratislava, Slovak Republic, 29.4.2009. - Bratislava: FEI STU, 2009. - ISBN 978-80-227-3094-5. - CD-ROM. (in Slovak)
- [9] FUCHS, P., MAJCHRÁK, M., KRAJČOVIČ, F., KRAJMER, M.: Single Phase Electricity Meter with PLC Modem. In: Radioelektronika 2009: 19th International Conference. Bratislava, Slovak Republic, 22.-23.4.2009. - Brno: University of Technology, 2009. - ISBN 978-80-214-3865-1. - ISBN 978-1-4244-3538-8. - p. 235-238. (in English)
- [10] GAŠPARÍK, I., ONDRÁČEK, O.: Integrated Radio Communication Systems Based on IT. In: Radioelektronika 2009: 19th International Conference. Bratislava, Slovak Republic, 22.-23.4.2009. - Brno: University of Technology, 2009. - ISBN 978-80-214-3865-1. - ISBN 978-1-4244-3538-8. - p. 11-16. (in English)
- [11] HAGARA, M., HLAVATOVIČ, A.: Video Segmentation Based on Pratt's Figure of Merit. In: Radioelektronika 2009: 19th International Conference. Bratislava, Slovak Republic, 22.-23.4.2009. - Brno: University of Technology, 2009. - ISBN 978-80-214-3865-1. - ISBN 978-1-4244-3538-8. - p. 91-94. (in English)

- [12] HRIBIK, J., HRUŠKOVIC, M., FUCHS, P.: Nonsymmetry and Sensitivity Analysis in an Anemometer. In: Mechatronika 2009: 12th International Conference on Mechatronics. Trenčianske Teplice, Slovak Republic, 3.-5.6.2009. - Trenčín: Alexander Dubcek University of Trenčín, 2009. - ISBN 978-80-8075-392-4. - p. 53-57. (in English)
- [13] HRIBIK, J., HRUŠKOVIC, M., FUCHS, P.: Portable AC Current Source. In: Radioelektronika 2009: 19th International Conference. Bratislava, Slovak Republic, 22.-23.4.2009. - Brno: University of Technology, 2009. - ISBN 978-80-214-3865-1. - ISBN 978-1-4244-3538-8. - p. 43-45. (in English)
- [14] HRUŠKOVIC, M., HRIBIK, J.: Pulse Generator Controlled by Microcontroller. In: Radioelektronika 2009: 19th International Conference. Bratislava, Slovak Republic, 22.-23.4.2009. - Brno: University of Technology, 2009. - ISBN 978-80-214-3865-1. - ISBN 978-1-4244-3538-8. - p. 39-41. (in English)
- [15] JENDRUCH, M., ŠAŠTINSKÝ, P.: Solution Exchange System with Automatic Control for Electrophysical Experiments. In: KRÁLÍKY 2009: Technical Conference. Brno, Czech Republic, 31.8.-2.9.2009. - Brno: University of Technology, 2009. - ISBN 978-80-214-3938-2. - p. 125-128. (in Slovak)
- [16] JENDRUCH, M., ZAHRADNÍK, I.: Analysis of Membrane Ionoic Current Fluctuations in Cardiomyocytes. In: Trends in Biomedical Engineering: 8th Czech-Slovak Conference. Bratislava, Slovak Republic, 16.-18.9.2009. - Bratislava: STU, 2009. - ISBN 978-80-227-3105-8. - p. 113-115. (in Slovak)
- [17] KOBLIŠKA, J., HÚBEK, P., ŠTOFANIK, V., KUBIČÁK, E.: Comparison of the Wireless Communication Modules: Bluetooth, Zigbee, and RFID. In: ŠVOČ 2009. Proceedings of Winning Works. Bratislava, Slovak Republic, 29.4.2009. - Bratislava: FEI STU, 2009. - ISBN 978-80-227-3094-5. - CD-Rom. (in Slovak)
- [18] KRAJČOVIČ, F., KRAJMER, M., LIPOVSKÝ, M., MAJCHRÁK, M., PODHORANSKÝ, P.: Investigation of Harmful Interference to Power Line Communication Bit Rate. In: Radioelektronika 2009: 19th International Conference. Bratislava, Slovak Republic, 22.-23.4.2009. - Brno: University of Technology, 2009. - ISBN 978-80-214-3865-1. - ISBN 978-1-4244-3538-8. - p. 51-55. (in English)
- [19] KRAJČOVIČ, F., ZEMANOVIČ, J., KOZINKA, S., PODHORANSKÝ, P.: Influence of Harmful Interference to Power Line Communication. In: KRÁLÍKY 2009: Technical Conference. Brno, 31.8.-2.9.2009. - Brno: University of Technology, 2009. - ISBN 978-80-214-3938-2. - p. 160-163. (in Slovak)
- [20] KRAJČOVIČ, F., PODHORANSKÝ, P., FUCHS, P., HRIBIK, J.: Influence of Harmful Interference to Power Line Communication. In: Communication and Information Technologies: 5th Scientific Conference with International Participation. Tatranské Zruby, Slovak Republic, 14.-16.10.2009. - Liptovský Mikuláš: Armed Forces Academy of General Milan Rastislav Štefánik, 2009. - CD-Rom. (in Slovak)
- [21] KRAJČUŠKOVÁ, Z.: New Reliability Growth Model. In: Radioelektronika 2009: 19th International Conference. Bratislava, Slovak Republic, 22.-23.4.2009. - Brno: University of Technology, 2009. - ISBN 978-80-214-3865-1. - ISBN 978-1-4244-3538-8. - p. 219-222. (in English)
- [22] KRAJČUŠKOVÁ, Z., KUKUČKA, M.: Telemedicine Technology - Elective Subject in the Study Program Radioelectronics. In: Trends in Biomedical Engineering: 8th Czech-Slovak Conference. Bratislava, Slovak Republic, 16.-18.9.2009. - Bratislava: STU, 2009. - ISBN 978-80-227-3105-8. - p. 307-309. (in Slovak)

- [23] KRIŽAN, M., BREZOVIČ, Z.: Control and Monitoring through Computer Network LAN. In: ŠVOČ 2009. Proceedings of Winning Works. Bratislava, Slovak Republic, 29.4.2009. - Bratislava: FEI STU, 2009. - ISBN 978-80-227-3094-5. - CD-Rom. (in Slovak)
- [24] KUDJÁK, V., PODHORANSKÝ, P., BREZOVIČ, Z.: Low Emission Building Design. In: SVK NSA TEMPEST MEETING 2009. Brunovce, Slovak Republic, 10.9.2009. - Bratislava: NBÚ 2009. (in English)
- [25] KUDJÁK, V., PODHORANSKÝ, P., BREZOVIČ, Z.: Measurement Methods for Shielding Effectiveness Measurements of Building Materials. In: SVK NSA TEMPEST MEETING 2009. Brunovce, Slovak Republic, 10.9.2009. - Bratislava: NBÚ 2009. (in English)
- [26] KUKUČKA, M., KRAJČUŠKOVÁ, Z.: Application of Logic Diagnostic System as Support in Treatment Process. In: Trends in Biomedical Engineering: 8th Czech-Slovak Conference. Bratislava, Slovak Republic, 16.-18.9.2009. - Bratislava: STU, 2009. - ISBN 978-80-227-3105-8. - p. 187-190. (in English)
- [27] KUKUČKA, M.: Modeling of Logic Diagnostic System Knowledge Base Evaluation. In: Radioelektronika 2009: 19th International Conference. Bratislava, Slovak Republic, 22.-23.4.2009. - Brno: University of Technology, 2009. - ISBN 978-80-214-3865-1. - ISBN 978-1-4244-3538-8. - p. 227-230. (in English)
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