

DEPARTMENT OF ELECTRICAL POWER ENGINEERING

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Head of Department

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I. STAFF

Professors	Prof. Ing. František Janiček, PhD., Prof. Ing. Alfonz Smola, PhD.
Associate Professors	Doc. Ing. Anton Belán, PhD., Doc. Ing. Ivan Daruľa, PhD., Doc. Ing. Žaneta Eleschová, PhD., Doc. Ing. Dionýz Gašparovský, PhD., Doc. Ing. Daniela Reváková, PhD., Doc. Ing. Pavol Šandrik, PhD.
Assistant Professors	Ing. Attila Kment, PhD., Ing. František Krasňan, PhD., Ing. Marek Pípa, PhD., Mgr. Miroslava Smitková, PhD.
Research Workers	Ing. Peter Janiga, Ing. Marek Krasňan, Ing. Juraj Kubica, Ing. Martin Smieško,
Technical Staff	Katarína Knežíková, Mgr. Marta Liptáková, Eva Molotová
PhD. Students	Ing. Peter Arnold, Ing. Zlatko Baláš, Ing. Peter Hajduček, Ing. Matej Janík, Ing. Ján Kolárik, Ing. Peter Koval', Ing. Martin Liška, Ing. Isaac Newton, Ing. Anton Rusnák, Ing. Juraj Šedivý, Ing. Igor Šulc, Ing. Igor Tomiš, Mgr. Marián Uhrík

II. EQUIPMENT

II.1 Teaching and Research Laboratories

- Laboratory of High Voltage Technology
- Laboratory of Lighting Technology
- Solar Energy Laboratory
- Laboratory of Electrical Installations
- Laboratory of Special Problems of Power Engineering
- Laboratory of Electrical Protections
- Laboratory of Renewable Energy Sources

II.2 Special Measuring Instruments and Computers

- Power network analyzer BK 550
- Cascade transformer, 1200 kV, 1500 kVA
- Impulse generator, 2500 kV, 100 kJ
- Installation system Instabus EIB
- Photometric integrator Ø 3 m
- Spectrofotometer
- Luminance meter

III. TEACHING**III.1 Undergraduate Study (Bc. – Presentation and Distance Education Method)**

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

Transmission and Distribution of Electrical Energy (4th sem., 3-2h)	Ž. Eleschová
High Voltage Technology (5th sem., 2-3h)	P. Šandrik
Modelling and Simulation Basis (5th sem., 3-2h)	A. Beláň, V. Kutíš
Automotive Electrotechnics (6th sem., 3-2h)	A. Smola, L. Hüttner
Energy Sources and Conversion (6th sem., 3-2h)	F. Janíček, I. Daruľa
Electrical Apparatus and Substations (6th sem., 3-2h)	F. Janíček, F. Valent
Lighting Technology (6th sem., 3-2h)	A. Smola

III.2 Graduate Study (Ing. – Presentation and Distance Education Method)

Steady State in Power System (1st sem., 2-2h)	Ž. Eleschová
Electrical Networks (1st sem., 2-2h)	D. Reváková
Theoretical Photometry and Colorimetry (1st sem., 2-2h)	D. Gašparovský, F. Krasňan
Light Sources and Ballasts (1st sem., 2-2h)	A. Smola
Electrical Part of Power Stations (2nd sem., 2-2h)	I. Daruľa
Transient Phenomena in Power System (2nd sem., 2-2h)	D. Reváková
Diagnostics and Expert Systems (2nd sem., 2-2h)	P. Šandrik
Applied Electrical Power Engineering (2nd sem., 2-2h)	A. Beláň
Environmental Ecology (3rd sem., 2-2h)	I. Daruľa, J. Kubica
Luminaires (2nd sem., 2-2h)	D. Gašparovský
Measurement of Light and Colours (2nd sem., 2-2h)	D. Gašparovský, F. Krasňan
Power System Control (3rd sem., 2-2h)	A. Beláň
Electrical Energy Utilization (3rd sem., 2-2h)	A. Smola, L. Hüttner
Nonconventional Energy Sources (3rd sem., 2-2h)	I. Daruľa
Protections and Automatics (3rd sem., 2-2h)	F. Janíček
Electrical Lines (3rd sem., 2-2h)	D. Gašparovský
Lighting Systems (3rd sem., 2-2h)	A. Smola, F. Krasňan
Modelling and Power System Control (3rd sem., 2-2h)	A. Beláň
Artificial Lighting (4th sem., 2-1h)	A. Smola

IV. RESEARCH PROJECTS

- Research and Development of New Precise Current Sensor for High and Very High Voltage Application. APVV-0546-07 (Ž. Eleschová)

- The Risk Assessment of the Blackout in the Slovak Power System under the Conditions of Multinationally Interconnected Power System. APVV-0337-07 (A. Beláň)
- Research of Light Transport Through Tubular Skylights. APVV-0264-07 (A. Smola)
- Power Quality and Reliability of Electricity Supply. VEGA 1/0687/09 (F. Janiček)
- Integration of Renewable Energy Laboratory into Pedagogical Process Using Multimedia Interactive Web Interface. KEGA 3/7248/09 (F. Janiček)
- National Centre for Research and Applications of Renewable Energy Sources. ITMS 26240120016
- Research and Technology Transfer Support of Decentralised Energy Sources at STU Using Available Biomass. ITMS 26240220028
- Research and Technology Transfer Support of Low-Potential Heat for Electric Power Generation at STU. ITMS 26220220023

V. COOPERATION

V.1 Cooperation in Slovakia

- Nuclear Power Plants Research Institute (VÚJE a.s.) Trnava
- Slovak Power Company (SE - Enel a.s.) Bratislava
- Hydro Power Plants (SE-VET) Trenčín
- Nuclear Power Plants (SE-EBO) Jaslovské Bohunice
- Nuclear Power Plants (SE-EMO) Mochovce
- Nuclear Decommissioning Company (JAVYS a.s.) Jaslovské Bohunice
- Nuclear Regulatory Authority of the Slovak Republic, Bratislava
- Slovak Electricity Transmission System (SEPS a.s.) Bratislava
- Western Slovak Distribution Company (ZSE a.s.) Bratislava
- Central Slovak Distribution Company (SSE a.s.) Žilina
- Eastern Slovak Distribution Company (VSE a.s.) Košice
- Regulatory Office for Network Industries (ÚRSO) Bratislava
- Faculty of Electrical Engineering and Information Technology TU Košice
- Faculty of Electrical Engineering ŽU Žilina
- Trenčín University of Alexander Dubček, Trenčín
- Siemens s.r.o., Bratislava
- ABB s.r.o., Bratislava
- LiV ELEKTRA a.s., Bratislava
- Philips Slovakia s.r.o., Bratislava
- Osram Slovakia s.r.o., Nové Zámky
- Slovak Telekom a.s., Bratislava
- Slovnaft a.s., Bratislava
- Orgeco s.r.o., Nové Zámky
- AMI s.r.o., Nové Zámky
- SLOS s.r.o., Banská Bystrica
- Bellux s.r.o., Bratislava
- OMS s.r.o., Senica
- Bellatrix s.r.o., Košice
- ŽOS Trnava a.s., Trnava
- Applied Precision s.r.o.
- Slovak Institute of Metrology

V.2 International Cooperation

- TU Ilmenau, Germany
- Osram, GmbH, München, Germany
- ABB Ltd., Brno, CzR
- Czech Technical University in Prague, CzR

- West Bohemian University Pilsen, CzR
- Brno University of Technology, CzR
- VŠB – Technical University of Ostrava, CzR
- GE Lighting, Budapest, Hungary
- Tungsram Schröder, Budapest, Hungary
- Electrical Testing Facility, Prague, CzR
- MEI Moscow, Russia
- Tashkent Institute of Irrigation and Melioration, Faculty of Electrification and Automation, Tashkent, Uzbekistan
- Saint Cyril and Methodius University, Faculty of Electrical Engineering and Information Technologies, Skopje, Macedonia
- Visteon, Nový Jičín, CzR
- Helvar, Frankfurt, BRD
- Tridonic, Dornbirn, Austria
- Thorn Lighting CS, Prague, CzR
- Politechnika Opolska, Opole, Poland
- Silesian University of Technology, Gliwice, Poland
- Tianjin University, Tianjin, China

V.3 Membership in Slovak Organizations and Societies

- Chairman of Technical Standardization Committee No. 43 (Electrical Power Engineering) at Slovak Institute for Standardization (A. Beláň)
- Members of Technical Standardization Committee No. 43 (Electrical Power Engineering) at Slovak Institute for Standardization (D. Reváková, P. Šandrik)
- Chairman of Technical Standardization Committee No. 108 (Light and Lighting) at Slovak Institute for Standardization (A. Smola)
- Member of Technical Standardization Committee No. 20 (Light Fittings and Light Sources) at Slovak Institute for Standardization (A. Smola)
- Chairman of Technical Standardization Committee No. 84 (Electrical Installations and Protection against Electric Shock) at Slovak Institute for Standardization (D. Gašparovský)
- Member of Slovak Academy of Engineering Sciences (F. Janíček)
- Member of Academic Board of FEI STU in Bratislava (F. Janíček)
- Member of Academic Board of STU in Bratislava (F. Janíček)
- Member of Academic Board of Faculty of Mechatronics Trenčín University (F. Janíček)
- Member of Minister Economy Collegium (F. Janíček)
- Chairman of Council for State Programs of Ministry of Education SR and Ministry of Economy SR (F. Janíček)
- Member of Academic Board of Academy of the Armed Forces of General Milan Rastislav Štefánik in Liptovský Mikuláš (F. Janíček)
- Chairman of Expert Committee for Electrical Engineering, Information Technology, Automation and Control of Science and Technology Assistance Agency (F. Janíček)
- Member of Slovak Nuclear Forum (F. Janíček)
- Board of Trustees Chairman of Konfucius Institute at STU in Bratislava (F. Janíček)
- Chairman of Administer Group of SE-ENEL – STU (F. Janíček)
- Chairman of Slovak Committee of World Energy Council (F. Janíček)
- Chairman of Slovak Society of Lighting Technology (A. Smola)
- Director of Forensic Institute of Electrical and Computer Technology (A. Smola)
- Vicepresident of the Association of Slovak Scientific and Technological Societies (A. Smola)
- Members of the Slovak Society of Lighting Technology (D. Gašparovský, F. Krasňan, M. Pípa)
- Chairman of Departmental Committee of Scientific Department 5.2.30 Electrical Power Engineering (F. Janíček)
- Members of Departmental Committee of Scientific Department 5.2.30 Electrical Power Engineering (A. Beláň, Ž. Eleschová, I. Daruľa, D. Reváková, A. Smola, P. Šandrik)
- Members of Common Departmental Committee of Scientific Department 39-25-9 Nuclear Power Engineering (I. Daruľa)

- Members of Common Departmental Committee of Scientific Department 26-34-9 Electrical Power Engineering (F. Janíček, D. Reváková, A. Smola, P. Šandrik)

V.4 Membership in International Organizations and Societies

- CIGRE – International Council on Large Electric Systems, Paris (A. Beláň)
- CIRED – International Conference on Electricity Distribution, London (A. Beláň)
- IEEE - Institute of Electrical and Electronics Engineers, New Jersey (A. Beláň)
- Member of World Energy Council, London (F. Janíček)
- Member of Committee on Energy Research and Technology IEA, Paris (F. Janíček)
- IEC TC – International Electric Committee No. 42 – High Voltage Technology (P. Šandrik)
- CIE – International Commission on Illumination, Vienna (D. Gašparovský, A. Smola, F. Krasňan, M. Pípa)
- Honorary member ‘Society friends of public lighting’, CzR (A. Smola)

V.5 Contracts

- Analysis of Occurrence of Discharge in Auxiliary System in Nuclear Power Plant Mochovce. Contract with SE – Enel, a.s. (A. Beláň et al.)
- Estimation of Installed Power Capacity of Unpredictable Renewable Energy Sources in Distribution Network SSE-D, a.s. Contract with SSE-D, a. s. (A. Beláň et al.)
- Analysis of Wind Park Connection to 110 kV Distribution Net. Contract with PAVKON, spol.s r.o. (A. Beláň, Ž. Eleschová)
- Independent Expertise to Ascertain Necessity of Replacement of Current Automatized Control System Siemens Teleperm XP in Bratislava Incinerator. Contract with Odvoz a likvidácia odpadu, a.s. (F. Janíček)
- Analysis of Currently Unaccounted Possible Costs Emerging from Current Legislation Defining SEPS a.s. as an Transmission System Operator Responsible for Development and Operation of the Power System and its Influence on Total Costs of the Company. Contract with Slovenská elektrizačná prenosová sústava a.s. (F. Janíček)
- Realization of Higher Education Programme ‘Electrical Engineering Basics’ for Workers of Slovenské elektrárne – Enel. Contract with SE – Enel, a.s (F. Janíček)
- Compact Fluorescent Lamps - Luminous Flux Measurement. Contract with Ústredný inšpektorát slovenskej obchodnej inšpekcie (F. Krasňan et al.)
- LED Screen - Luminance Measurement. Contract with LIGHTTECH, spol. s r.o. (F. Krasňan)
- Railway Signal Measurement. Contract with Betamont s.r.o. (F. Krasňan et al.)
- Diagnostic measurements of insulation systems of electrical motors and generators. Contract with Slovnaft, a.s. (P. Šandrik et al.)

VI. THESES

VI.1 Masters Theses

Masters theses supervised at the Department of Power Engineering. The names of supervisors are in brackets.

- [1] Albert, T.: Design of Electric Installation and Operation of Personal Elevator (A. Smola)
- [2] Balaš, Z.: Control and Administration of Public Lightning Systems (A. Smola)
- [3] Bédi, M.: Illumination of Historical Administrative Building in Nitra (A. Smola)
- [4] Beliansky, M.: Solar Energy Utilization for Electric Power Generation (I. Daruľa)
- [5] Boor, M.: Design of Testing Operation Device for Light Sources (F. Krasňan)
- [6] Hajduček, P.: Design of Small Hydropower Plant (M. Pípa)
- [7] Janík, M.: Emergency Lights (F. Krasňan)
- [8] Koleník, M.: Cogeneration Unit Application in the Laboratory of Renewable Energy Sources (M. Pípa)
- [9] Kováč, Z.: Tubular Light Pipelines Measurement (F. Krasňan)

- [10] Kramár, D.: Combined Heat and Power Generation with Pyrolysis (M. Pípa)
- [11] Krucina, M.: Effective Use of Corridors for High Voltage Power Lines (D. Reváková)
- [12] Leitman, M.: Illuminations of Sportings Places (A. Smola)
- [13] Noskovič, J.: Heat Pump Design for the Laboratory of Renewable Energy Sources (M. Pípa)
- [14] Polacek, I.: Scenic Lights (A. Smola)
- [15] Rampašek, P.: Lightning Control Systems Influence on Energy efficiency (D. Gašparovský)
- [16] Samsely, L.: WAMS – Possible Use of PMU in Slovak Electric Power System (Ž. Eleschová)
- [17] Seewald, M.: Measurement and Classification of Discharge Occurrence (A. Kment)
- [18] Sotáková, B.: Lightning Conductor Design According to the New Norm (D. Gašparovský)
- [19] Stratený, P.: New Trends in Light Safety Systems (F. Krasňan)
- [20] Svetlošák, V.: Design of Small Hydropower Plant (M. Pípa)
- [21] Šulek, P.: Evaluation of Insulation Systems in Rotating Electric Machines (P. Šandrik)
- [22] Vrchovský, P.: Lightning for Schools (A. Smola)

VI.2 PhD Theses

- [1] Cabala, M.: Safety and Stability of Interconnected Power Systems Operation in Liberalized Power Markets (D. Reváková)
- [2] Krondiak, M.: Price of Electric Power and its Calculation in Liberalized Power Market in Slovakia (F. Janiček)
- [3] Holjenčík, J.: Quality Standards in Network Industries and its Implementation in Slovak Republic (F. Janiček)
- [4] Michalík, J.: Topology of Power Output and Costs in Electric Power System (F. Janiček)
- [5] Kósa, K.: Wind Power Plants Impact on Electric Power System in Slovakia (D. Reváková)

VII. OTHER ACTIVITIES

- Members of Editorial Board of the Journal EE - Elektrotechnika a energetika (Journal of Electrical and Power Engineering), Bratislava (F. Janiček, D. Reváková)
- Member of Editorial Board of the Journal of Electrical Engineering, Bratislava (F. Janiček)
- Members of International Editorial Board of Internet Journal Energy Spectrum, Brno (F. Janiček, A. Smola)
- Member of Editorial Board of the Internet Journal 'Ageing of Electroinsulation Systems' (A. Beláň)
- Member of Editorial Board of the Journal TZB Haustechnik (Technical Buildings Installations), Bratislava (A. Smola)
- Member of Editorial Board of the Journal Světlo, Prague, Czech Republic (A. Smola)
- Head of the Institute of Experts at the Faculty of Electrical Engineering and Information Technology, STU Bratislava (A. Smola)
- Member of Editorial Board of the Journal Electrical Engineering in Practice, Ostrava, Czech Republic (A. Beláň)
- Members of International Scientific Committee of the 11th International Scientific Conference Electric Power Engineering 2010, Brno, Czech Republic, May 2010 (A. Beláň, Ž. Eleschová, F. Janiček)
- Members of International Programme Committee of the 9th International Conference 'Energy – Ecology – Economy 2010', Tatranské Matliare, May 2010 (I. Daruľa, Ž. Eleschová, Š. Fecko, F. Janiček, D. Reváková)
- Members of International Programme Committee of the 9th International Conference 'Control of Power Systems 2010', Tatranské Matliare, May 2010 (A. Beláň)
- The Guarantee of the International Scientific Event 'POWER ENGINEERING 2010', Tatranské Matliare, May 2010 (F. Janiček)

- Members of Program Board of the Conference Electrical Engineering, Information Technology and Telecommunication 'ELOSYS 2010', Trenčín, October 2010 (A. Beláň, F. Janiček, A. Smola)

VIII. PUBLICATIONS

VIII.1 Journals

- [1] DUŠIČKA, P. - VECHTER, J.: Small Hydro Power Plant - Have Protagonists and Antagonists. In: Transfer. - ISSN 1337-9747. - Vol.2, No. 3 (2010), p. 24-25. (in Slovak)
- [2] ELESCHOVÁ, Ž. - SMITKOVÁ, M. - BELÁŇ, A.: Evaluation of Power System Transient Stability and Definition of the Basic Criterion. In: International Journal of Energy. - ISSN 1998-4316. - Vol. 4, Issue 1 (2010), p. 9-16. (in English)
- [3] ELESCHOVÁ, Ž. - BELÁŇ, A. - PÍPA, M. - KMENT, A.: Restoration of Power System after Blackout and Synchro-Check Relays Setting in Transmission System. In: WSEAS Transactions on Power Systems. - ISSN 1790-5060. - Vol. 5, Iss. 3 (2010), p. 172-181. (in English)
- [4] JANÍČEK, F. - MUCHA, M. - ČESNEK, K. - KOVÁČIK, J.: Controlled Switching of the T 402 Transformer on the Križovany 400 kV Substation. In: Journal of Electrical Engineering. - ISSN 1335-3632. - Vol. 61, No. 1 (2010), p. 11-19. (in English)
- [5] JANÍČEK, F. - POLJOVKA, P. - ŠULC, I. - ŠEDIVÝ, J.: Electricity Market Operator in Slovak Republic. In: Zeszyty Naukowe Politechniki Opolskiej. - ISSN 1429-1533. - Z. 64, Nr. 336 (2010), p. 51-53. (in English)
- [6] JANÍČEK, F. - ŠEDIVÝ, J. - ŠULC, I. - ŠPOK, M.: Liberalized Electricity Market in Selected States of European Union. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, Special Issue (2010), p. 208-213. (in Slovak)
- [7] JANÍČEK, F. - ŠEDIVÝ, J. - ŠULC, I.: New Subject in a Liberalized Electricity Market in the Slovak Republic. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, Special Issue (2010), p. 214-218. (in Slovak)
- [8] JANÍČEK, F. - TOMIŠ, I. - KOVAL, P. - DARUĽA, I. - ŠEDIVÝ, J. - ŠULC, I.: The Potential of Renewable Energy Sources and their Possible Involvement in the Production of Electricity in Slovakia. In: Zeszyty Naukowe Politechniki Opolskiej. - ISSN 1429-1533. - Z. 64, Nr. 336 (2010), p. 55-57. (in English)
- [9] JANÍČEK, F. - DARUĽA, I. - POLJOVKA, P. - ŠEDIVÝ, J. - ŠULC, I.: Trading with Electric Power in the Conditions of a Liberalized Electricity Market in Slovakia. In: Zeszyty Naukowe Politechniki Opolskiej. - ISSN 1429-1533. - Z. 64, Nr. 336 (2010), p. 53-55. (in English)
- [10] JANIGA, P. - KOVAL, P. - LIŠKA, M.: Elimination of the Effects of Upper Harmonics in the Public Lighting Networks. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, Special Issue (2010), p. 219-221. (in Slovak)
- [11] KOLÁRIK, J. - KOVAL, P. - LIŠKA, M. - JANÍČEK, F.: A Review of Sun-Tracking Methods. In: Energie 21. - ISSN 1803-0394. - Vol. 3, No. 4 (2010), p. 26-28. (in Slovak)
- [12] KOLÁRIK, J. - KOVAL, P. - LIŠKA, M. - JANÍČEK, F.: A Review of Sun-Tracking Methods. In: Energetika. - ISSN 0375-8842. - Vol. 60 (2010), p. 501-504. (in Slovak)
- [13] KRASŇAN, F.: Floodlighting of the Csaky Palace in Bratislava. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, No. 3 (2010), p. 26-28. (in Slovak)

- [14] KRASŇAN, F.: Illumination of the Megaboard on the National Bank of Slovakia. - , 2010. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, No. 5 (2010), p. 13-15. (in Slovak)
- [15] KRASŇAN, F.: The Effect of Dazzling Upon the Reaction Time of the Car Driver. - , 2010. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, No. 3 (2010), p. 10-13. (in Slovak)
- [16] KRASŇAN, M.: Calculation of Illuminance on the Area under the Tubular Lightguide Using Flux Methods. In: Posterus.sk. - ISSN 1338-0087. - February (2010), <http://www.posterus.sk/?p=5476> . (in Slovak)
- [17] KRASŇAN, M. - SMOLA, A.: Investigating the Directional Characteristics of Lightguide Diffusers. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16. No. 4 (2010), p. 14-15. (in Slovak)
- [18] LIŠKA, M.: The Power Quality, Standards and their Compliance In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, Special Issue (2010), p. 230-233. (in Slovak)
- [19] LIŠKA, M.: The European Energy Sector from Renewable Term. In: Posterus.sk. - ISSN 1338-0087. - September (2010), <http://www.posterus.sk/?p=8602#more-8602> . (in Slovak)
- [20] LIŠKA, M.: The Power Quality and the House Electricity Customer Protection. In: Posterus.sk. - ISSN 1338-0087. - August (2010), <http://www.posterus.sk/?p=8422#more-8422> . (in Slovak)
- [21] PERNÝ, M. - ŠÁLY, V. - KUSKO, M. - RUŽINSKÝ, M. - SMITKOVÁ, M.: Complex Impedance of PV Cells and its Voltage and Temperature Dependence at the Dark Condition. In: Energetika. - ISSN 0375-8842. - Vol. 60 (2010), p. 573-575. (in Slovak)
- [22] PÍPA, M. - KMENT, A.: Precise Current Measurement System at High Voltage Potential. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, Special Issue (2010), p. 234-236. (in English)
- [23] RUSNÁK, A. - BALÁŠ, Z.: Application of LED Light Sources into Practice. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, Special Issue (2010), p. 237-240. (in Slovak)
- [24] RUSNÁK, A. - KRASŇAN, F.: Verification of LED Parameters. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, No. 2 (2010), p. 13-15. (in Slovak)
- [25] SCHULZE, Ch. - JANÍČEK, F.: Energy Optimization Using Evolutional Algorithms. In: Energie 21. - ISSN 1803-0394. - Vol. 3, No. 6 (2010), p. 41-43. (in Slovak)
- [26] SMITKOVÁ, M. - FARKAS, G.: First Nuclear Power Plant. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16. No. 4 (2010), p. 32. (in Slovak)
- [27] SMITKOVÁ, M.: LCA - a Tool for Examining the Effects upon Environment. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, No. 1 (2010), p. 44-45. (in Slovak)
- [28] SMITKOVÁ, M. - LALUHA, M.: Potential of the Hydrogen Utilization in the Public Transport. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, No. 3 (2010), p. 32-33. (in Slovak)
- [29] SMOLA, A.: Automotive Lighting - the most important developments. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, Special Issue (2010), p. 241-243. (in Slovak)

- [30] SMOLA, A.: Trends in Automobile Lighting. Part 2. Lighting Systems. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, No. 3 (2010), p. 6-9. (in Slovak)
- [31] SMOLA, A.: Trends in Automobile Lighting. Part 1. Light Sources. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16, No. 2 (2010), p. 10-11. (in Slovak)
- [32] SMOLA, A. - KLEPÁČ, M.: Trends in Automobile Lighting. Part 3 - Daily Headlights, their Role and Use in Traffic. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 16. No. 4 (2010), p. 12-13. (in Slovak)

VIII.2 Conference Proceedings

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