DEPARTMENT OF TELECOMMUNICATIONS

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Head of Department
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I. STAFF

Professors	Prof. Ing. Ivan Baroňák, PhD., Prof. Ing. Peter Farkaš, DrSc., Prof. JUDr. Mária Patakyová, PhD., Prof. Ing. Pavol Podhradský, PhD., Prof. Ing. Jaroslav Polec, PhD.
Associate Professors	Doc. RNDr. Ing. Ivan Bajla, PhD., Doc. Ing. Ján Čuchran, PhD., Doc. Ing. Jana Kotuliaková, PhD, Doc. Ing. Miloš Oravec, PhD., Doc. Ing. Jarmila Pavlovičová, PhD., Doc. Ing. Gregor Rozinaj, PhD., Doc. Ing. Ján Zodl, PhD.
Assistant Professors	Ing. Jozef Čepko, Ing. Jana Filanová, PhD., Ing. Michal Halás, PhD., Ing. Ján Hodál, Ing. Richard Chomist, PhD., Ing. Erik Chromý, PhD., Ing. Tomáš Janvars, Ing. Juraj Kačur, PhD., Ing. Juraj Mačica, Ing. Martin Medvecký, PhD., Ing. Kvetoslava Kotuliaková, PhD., Ing. Jozef Oboňa, Ing. Miloš Orgoň, PhD., Ing. Michal Poľaško, PhD., Ing. Martin Rakús, PhD., Ing. Rastislav Róka, PhD., Ing. Eva Samuhelová, Ing. Peter Trúchly, PhD., Ing. Matúš Turcsány, PhD., Ing. Radoslav Vargic, PhD.
Research Workers	Ing. Matej Kavacký, PhD., Ing. Ivan Kotuliak, PhD., Ing. Miroslav Talanda, Ing. Martin Turi Nagy, PhD.
Technical Staff	Alexandra Šafariková, Iveta Kováčiková (secretary), Mária Barbíriková, Michaela Bujková, Ing. Rozália Hudíková, Ing. Maroš Michalík
PhD. Students	Ing. Mahmoud Aldaour, Ing. Peter Bandzi, Ing. Marián Beszédeš, Ing. Rastislav Cisár, Ing. Peter Fízeľ, Ing. Viktor Janata, Ing. Martin Janošov, Ing. Ján Körösi, Ing. Bakyt Kyrbashov, Ing. Martin Mojžeš, Ing. Andrej Páleník, Ing. Tomáš Páleník, Ing. Renata Talafová, Ing. Róbert Tomek, Ing. Ján Vrabec, Ing. Juraj Vojtko, Ing. Martin Wolf, Ing. Ahmad Yassine

II. EQUIPMENT

II.1 Teaching and Research Laboratories

- E-learning Multimedia Laboratory
- Laboratory of Data Transmission
- Laboratory of Digital Signal Processing
- Laboratory of Digital Speech Processing
- Laboratory of Digital Switching Systems and ISDN
- Laboratory of Multimedia Communication
- Laboratory of Telecommunications Management Network
- Laboratory of Telecommunications Technology (Optical SDH, ATM, RWS)

- NGN Lab

II.2 Special Measuring Instruments and Computers

- Optical Network (SDH – STM, 155 Mbit/s)
- Optical Network (ATM – 155 Mbit/s)
- Multiplexor NORTEL S/DMS 1X (16 x 2,048 Mbit/s)
- Private Telecommunication System ALCATEL A4300L
- Micro Radio Wave System TeleStar 23 CL (4 x 2, 048 Mbit/s)
- FWA system (27 GHz) - VoIP via SANET
- FWA system (3,5 GHz) - VoIP and High Speed Internet via SANET
- NGN platform for Testbeds and Interconnects (Fokus IMS including HSS, Sitronics HSS, Mobicents AS, PACTOLUS AS)
  ŽU Žilina, TU Košice)
- Telecommunications Videoconference Systems for ISDN (3 x PictureTel, 2 x I VIEW)
- Measuring set Wandel and Goltermann IBT 10 (for ISDN interface S0 and U)
- Siemens Node Integrator – Software for Simulation of TMN
- COSSAP (Software for simulation of telecommunication systems)
- Measuring set Siemens - Carrier Frequency Level Test (Set W2008-K/D2008-K)
- Logic Analyzer Philips PM 3570
- Cluster composed of 6 PC, aggregate 10,6 GHz
- FWA system VoIP via SANET
- Telecommunications Instructional Teaching Modelling System TIMS-301
- Spectral analyzer HP 3589A
- Laboratory NGN PABX OXE Communication Server (Connection among STU Bratislava)

III. TEACHING

III.1 Undergraduate Study (Bc.)

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

Subject	Semester/hours	Lecturer
Telecommunication Technologies	(3rd sem., 3-2h)	M.Orgoň
Digital Communications	(4th sem., 3-2h)	P.Farkaš
Telecommunication Technologies	(4th sem., 3-2h)	I.Baroňák, J.Čuchran
Communication Protocols	(5th sem., 3-2h)	M.Poľaško
Mobile and Satellite Communications I.	(5th sem., 3-2h)	P.Farkaš
Telecommunications Lines	(5th sem., 3-2h)	J.Čuchran, R.Róka
Analog and Digital Signal Processing I.	(5th sem., 3-2h)	P.Podhradský
Analog and Digital Signal Processing II.	(6th sem., 3-2h)	J.Pavlovičová
Digital Signal Processing	(6th sem., 3-2h)	J.Kotuliaková
Digital Transmission Systems and Networks	(6th sem., 3-2h)	J.Čuchran, R.Róka
Electronics in Communication Systems	(6th sem., 3-2h)	P.Podhradský
Mobile and Satellite Communications I.	(6th sem., 3-2h)	P.Farkaš
Communication Protocols	(7th sem., 3-2h)	M.Poľaško
Switching Systems I.	(7th sem., 3-2h)	I.Baroňák
Integrated Services of Digital Networks	(8th sem., 3-2h)	M.Oravec

Switching Systems II.	(8th sem., 3-2h)	I.Baroňák
Selected Methods for Image Compression	(8th sem., 3-2h)	J.Polec
Transmission Systems	(8th sem., 3-2h)	J.Čuchran, R.Róka

III.2 Graduate Study (Ing.)

Mobile and Satellite Communications II.	(1st sem., 3-2h)	P.Farkaš
Probabilistic Models in Telecommunications	(1st sem., 3-2h)	J.Polec
Selected Methods for Image Compression	(1st sem., 3-2h)	J.Polec
Switching Systems II.	(1st sem., 3-2h)	I.Baroňák
Electronics in Communication Systems	(2nd sem., 3-2h)	P.Podhradský
Broadband Switching Systems	(3rd sem., 3-2h)	M.Medvecký
Digital Image Processing	(3rd sem., 3-2h)	J.Pavlovičová
Digital Speech Processing	(3rd sem., 3-2h)	G.Rozinaj
Intelligent Networks and Services	(3rd sem., 3-2h)	P.Podhradský
Neural Networks for Signal Processing	(3rd sem., 3-2h)	M.Oravec
Optical Communication Systems and Networks	(3rd sem., 3-2h)	J.Čuchran, R.Róka
Private Telecommunication Networks and Services	(3rd sem., 3-2h)	I.Baroňák
Selected Algorithms of Digital Image Processing	(3rd sem., 3-2h)	I.Bajla
Telecommunication Legislative	(3rd sem., 3-2h)	M.Patakyová
Telecommunication Systems Management	(3rd sem., 3-2h)	M.Medvecký
Wavelets and Filter Banks	(3rd sem., 3-2h)	R.Vargic

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

Telecommunication Technologies	(4th sem., 3-2h)	M.Medvecký,R.Róka
Telecommunications Lines	(5th sem., 3-2h)	R.Róka
Transmission Systems	(7th sem., 3-2h)	R.Róka
Data Communications I.	(7th sem., 4-2h)	R.Róka
Data Communications II.	(7th sem., 0-3h)	J.Oboňa
Digital Circuits and Systems	(7th sem., 4-3h)	J.Hodál
Multimedia	(7th sem., 0-3h)	J.Oboňa
Network Application Software	(7th sem., 4-2h)	I.Grellneth
Digital Communications I.	(8th sem., 0-4h)	P.Farkaš
Mobile Communications	(8th sem., 4-2h)	M.Rakús
Computer Networks	(9th sem., 4-2h)	M.Oravec
Digital Communications II.	(9th sem., 0-4h)	P.Farkaš

III.4 Undergraduate Study (Bc. Distance Education Method)

| Telecommunications | (3rd year) | M. Orgoň |

IV. RESEARCH PROJECTS

- LEONARDO ELEFANTS, No: 2004 - CZ/04/B/P/PP/168012, (2004-2007), educational project, P.Podhradský
- Traffic in Convergated Telecommunication Systems and Networks, VEGA 1/3118/06 (2006-2008), I. Baroňák
- Optimalization multimedia traffic in NGN network, AV-015-Bar (2007-2009), I.Baroňák
- Creating Ubiquitous Intelligent Sensing Environments (CRUISE), European Commission 6th Framework Program (FP6 NoE-IST-4-027738, 2006-2007), P. Farkaš
- Sophisticated techniques for transmission and coding of information in telecommunications and sensor networks, VEGA 1/3113/06, (2006-2008), P. Farkaš
- Web learning for knowledge transfer from project FP 6 CRUISE, KEGA 3/4197/06, (2006-2008), P. Farkaš
- Algorithms and Methods of the Digital Signal Processing, Control Processes of the Converged Networks and NGN Platform and New Generation of the Multimedia Services and Applications, VEGA 1/3094/06 (2006-2008), P. Podhradský
- NGN – Multimedia, Multimedia ICT, Network Platforms, Multimedia Services and Network Security, ESF project, ITMS: 13120110126, No: DP 143/05-I/32-2.1 (2006-2008), P. Podhradský
- Non-linear Processing of Multimedia and Biomedical Signals in Telecommunications, VEGA 1/3110/06 (2006-2008), G. Rozinaj
- Measurement and Diagnosis of Lowlevel ECG signals Using Non-invasive Methods, AV123/06 (2006-2008), G. Rozinaj
- CII-HU-0008-01-0607 – Telecommunications, CEEPUS project, (2006-2007), G. Rozinaj
- Recognition of Human Face Images as the Part of Biometric Methods for Increasing the Security of Open Society, VEGA 1/3117/06, (2006-2008), M. Oravec
- Innovative communication technologies in metropolitan environment based on optical and wireless technology with focus on converged architectures., VEGA 1/4084/07, (2007-2009), I. Kotuliak
- Converged Technologies for Next Generation Networks (NGN), AV 4/0019/07, (2007–2009), P. Podhradský

V. COOPERATION

V.1 Cooperation in Slovakia

- Agrogenofond in Nitra
- Alcasys
- Alcatel Lucent Slovakia
- API
- Comenius University in Bratislava
- Council for Broadcasting and Retransmission
- DATA, Bratislava
- EMM Ltd., Bratislava
- Ericsson Slovakia, Bratislava
- GTS Nextra, jsc
- ITM, Ltd.
- Kapsch Telecom Ltd., Bratislava
- Methodical Pedagogical Centers

- Ministry of Agriculture of Slovak Republic
- Ministry of Economy of Slovak Republic
- Ministry of Interior of Slovak Republic
- Ministry of Transport, Posts and Telecommunications of Slovak Republic
- NextiraOne
- Orange Slovakia
- PROFiber Networking, Trnava
- PTT Research Institute, Banská Bystrica
- Siemens PSE Slovakia
- Slovak Agricultural University in Nitra
- Slovak Association of Electrotechnical Companies
- Slovak Statistical Office of Slovak Republic
- Slovak Telecom, jsc
- Society of Lifelong Learning in Bratislava
- Technical University in Košice
- Telecommunication Office of Slovak Republic
- Telecommunication Users Group Slovakia
- Teleservis Ltd., Bratislava
- Tesla, Liptovský Hrádok
- T-Mobile Slovakia, jsc
- University of Trnava
- University of Žilina
- Constantine the Philosopher University, Nitra
- VegaCom Slovakia, jsc
- Wavetek Wandel & Goltermann
- WiMAX Slovakia

V.2 International Cooperation

- Aalborg University Center for Person Kommunikation, Denmark
- Alcatel CIT, France
- Alcatel SEL, Stuttgart, Germany
- Alcatel Stuttgart, Germany
- ARC Seibersdorf research GmbH, Austria
- BITMEDIA e-learning solution, Graz, Austria, (daughter company of Siemens Austria)
- Budapest Polytechnic, Hungary
- CELN Prague, CzR
- Croatian Academy of Engineering, Zagreb, HR
- ČVUT in Prague, CzR
- Deutche Telecom Laboratory in Berlin
- Deutche Telecom University in Leipcig
- Ericsson, Sweden
- Fachhochschule Heilbronn, Germany
- Fachhochschule Oldenburg, Ostfriesland, Wilhelmshaven, University of Applied Sciences, Germany
- Economic Chamber, CzR
- Institut National des Télécommunications (INT), Evry, France
- ISEP Paris, France
- Kingston University, Faculty of Technology, UK
- Lancaster University, UK
- The Charta 77 Foundation, CzR
- Nortel, Vienna, Austria
- Polish Academy of Sciences Gliwice, Poland

- Politechnica Poznań, Poland
- Rechenzentrum der RWTH Aachen, Germany
- Siemens Vienna, Austria
- T-Mobile, CzR
- Telenor, Norway
- The National and Kapodistrian University of Athens, Greece
- TU Budapest, Hungary
- TU Graz, Austria
- TU Ljublana, Slovenia
- TU Maribor, Slovenia
- TU Wien, Austria
- TU Zagreb, Croatia
- University of Central Lancashire, UK
- University of Strathclyde, Glasgow, UK
- University of Versailles, France
- University of West Bohemia in Pilsen, CzR
- Universty of Hradec Kralove, CzR
- UPC Barcelona, Spain
- VŠB TU in Ostrava, CzR
- VUT in Brno, CzR

V.3 Membership in International Organizations and Societies

- IEEE: P. Farkaš, M. Poľaško, M. Rakús, J. Čuchran, R. Róka, J. Oboňa, I. Kotuliak
- Czechoslovakia Section IEEE - Executive Committee Member responsible for Slovakia:
  P.Farkaš
- Correspondent Member of the Croatian Academy of Engineering: P. Podhradský
- IET: G. Rozinaj, M. Oravec
- Executive committee member - CTF in Slovak Republic: Ivan Baroňák
- CTF in Slovak Republic: I. Baroňák, M.Medvecký
- ETSI: I. Baroňák
- URSI – Official Member in Scientific Commission C - Signals and Systems: P. Farkaš
- IEEE Region 8 Conference Coordination Subcommittee member: P. Farkaš
- IEEE CAS/COM/SP joint Czechoslovakia Chapter- Executive Committee member: P. Farkaš
- Visiting Professor Kingston University: P. Farkaš
- Expert on evaluation of scientific projects for EUROPEAN COMMISSION: P. Farkaš

VI. THESES

VI.1 Masters Theses

Masters theses written as part of the 5-year-study plan supervised at the Department of Tele-communications. The names of supervisors are in brackets.

[1] M.Adamčík: Support services within the NGN on principle SIP protocol (E.Mikóczy)
[2] R.Baláž: Videoconferencing in IP environment (I.Baroňák)
[3] M.Bartek: GPS and GPRS based vehicle localization system (J.Mačica)
[4] A.Bartoš: Virtual Private Telecommunication Networks (I.Baroňák)
[5] J.Belianský: Implicit traffic routing in networks MPLS (M.Medvecký)
[6] R.Benkovič: Measurement and evaluation of the traffic in LAN and IP networks (I.Kotuliak)
[7] M.Beragg: Overhead of current protocols and protocol stacks (P.Trúchly)
[8] A.Bíro: Application of BOINC distributed computing software (M.Rakús)
[9] P.Bošácky: Model of talking head for mobile phone (G.Rozinaj)

[10] P.Búran: Simulation of satellite systems constellations (P.Trúchly)
[11] T.Burdan: Used of PLC to transmit data over power lines (M.Orgoň)
[12] P.Čačo: The Comparison of QoS Algorithms in IP Networks Based on the Simulations (R.Dekan)
[13] M.Čerešňa: Modifications of MASPER training procedure for HMM models (J.Kačur)
[14] V.Dráb: PABX in IP environment (M.Talanda)
[15] M.Ďungel: Authentification and accounting in VoIP networks (I.Kotuliak)
[16] M.Falťan: Information system for project management (I.Kotuliak)
[17] J.Fecko: Vectored Mode of Dynamic Spectrum Management for VDSL technology (R.Róka)
[18] J.Figura: IEEE 802.11b emulator (M.Rakús)
[19] P.Fízeľ: Searchnig and testing of new signatures for MC CDMA systems (P.Farkaš)
[20] J.Greguš: Application of software for distributed processing of computations BOINC (M.Rakús)
[21] M.Gulbiš: Utilization of genetic algorithm for simulation of traffic routing of the multi-point connections in telecommunication networks (J.Filanová)
[22] M.Haber: Analysis and implementation of the code for transfer environment of PDSL technology (S.Dlháň)
[23] M.Hojzák: Parametrization of vocal signal by wavelet transformation in speech recognizer (R.Vargic)
[24] R.Holubiczky: Utilization of wavelet transform in computer graphics (R.Vargic)
[25] M.Husák: Realization of program equipment for finding of linear block codes (P.Farkaš)
[26] M.Chlpán: Iterative water-filling for dynamic spectrum management for VDSL technology (R.Róka)
[27] M.Chovanec: Optimalization of routing of multipoint connections in telecommunication networks using evolutional algorithms (J.Filanová)
[28] J.Ištván: Quality of Service in UMTS Networks (M.Medvecký)
[29] M.Janošov: Construction of new error-correcting linear binary block codes (P.Farkaš)
[30] M.Káčer: Animation of talking head for mobile phone (G.Rozinaj)
[31] R.Kadlic: Website for sharing of digital photography (M.Orgoň)
[32] I.D.Kapusniak: Conferencing services in the environment of converged technologies and NGN (P.Podhradský)
[33] M.Kociský: Statistical properties of the traffic in LAN and IP networks (I.Kotuliak)
[34] M.Kolárik: Automatical localization of human faces (J.Pavlovičová)
[35] J.Kőrősi: Automatic speech recognition system (J.Kačur)
[36] M.Koštial: Functional architecture design of IP telephony based on SIP (J.Badiar)
[37] B.Kotman: New technologies for management of telecommunication networks (M.Medvecký)
[38] M.Kováčiková: Category of Unified Communications services in environment of converged technologies and NGN (P.Podhradský)
[39] B.Krištof: Automatical Human Facial Features Identification (J.Pavlovičová)
[40] J.Kulcsár: Design and implementation of wireless optical connection (M.Rakús)
[41] O.Lábaj: Security of VoIP networks (E.Mikóczy)
[42] M.Leško: Customers and services management in convergence technology and NGN (E.Mikóczy)
[43] M.Mačuha: Communication services based on SMS (M.Orgoň)
[44] M.Madzin: Design and implementation of manageable interface to ethernet networks (M.Rakús)
[45] P.Marček: Digital right protection of video services in DVB-IP (Ľ.Koprda)
[46] R.Mátéffy: Optimalization of spectral efficiency of OFDM modulation (K.Kotuliaková)
[47] O.Michalko: Diphone synthesizer of Slovak speech (G.Rozinaj)
[48] I.Miková: Link simulator for mobile OFDM systems (P.Lunter)
[49] B.Mikuláš: Effect of different kinds of parameterization on precision of speech recognition (J.Kačur)
[50] J.Naď: Multipoint videoconference and future use (J.Filanová)

[51] J.Palanský: Constructing new linear non-binary block error control codes (P.Farkaš)

[52] M.Paulen: Utilization possibility of equalizing techniques in time scope in the environment of metallic lines (R.Róka)

[53] S.Petrenec: Implementation of IPv6 protocol (M.Medvecký)

[54] O.Pobiecky: Performance analysis of optical metropolitan network (I.Kotuliak)

[55] M.Podhradský: Analysis of used services provided by xDSL technology in Slovakia and into taking account of convergence in NGN networks, state of present day and visions of the future (J.Čuchran)

[56] A.Prievalský: NGN networks from Siemens' point of view (I.Baroňák)

[57] M.Prošek: Realization of simple satellite bridge for Linux OS (P.Trúchly)

[58] I.Racenberger: Explicit Routing traffic in MPLS networks (M.Medvecký)

[59] M.Roziak: Quality of VoIP service in NGN networks (M.Halás)

[60] J.Sedlák: VoIP Private branch exchange (M.Talanda)

[61] J.Sládek: Design and implementation of manageable interface to ethernet networks (M.Rakús)

[62] Ľ.Slovjaková: Web Services Creation (M.Orgoň)

[63] T.Szabo: Design and realization of wireless optical connection RONJA (I.Kotuliak)

[64] P.Ščerbovský: NGN networks in the focus of ALCATEL company (I.Baroňák)

[65] J.Šindler: Analysis of performance networks Ad-Hoc (I.Kotuliak)

[66] M.Šustr: Security Analysis of the IEEE 802.11 Standard (M.Rakús)

[67] R.Talafová: Speech synthesis for mobile phone (G.Rozinaj)

[68] R.Tomek: Multimedia services in the NGN environment (J.Filanová)

[69] J.Tomko: IP telephony security (M.Halás)

[70] J.Tretiak: Creation of Convergence Networks (I.Baroňák)

[71] T.Trokšiar: Application-analysis of provided services based on xDSL technologies in the world with taking into account of integration into converged NGN network, present state and trends of evolution (J.Čuchran)

[72] J.Vážan: Quality of Services in MPLS networks M.Medvecký

[73] J.Vido Speech recognition using HMM and system ATK (J.Kačur)

[74] R.Vojtko: Solution of convergence in private telecommunication networks (M.Orgoň)

[75] M.Vydarený: Implementation of Broadband Internet Services QoS Management System (M.Poľaško)

[76] M.Wolf: OFDM Baseband Processor Implementation in FPGA (P.Lunter)

[77] M.Zelenák: Speaker identification (J.Kačur)

[78] V.Zeman: JPEG 2000 codestream error-resilience and concealment analysis during transfer over noisy channel (R.Vargic)

VI.2 Doctoral Theses

[1] M. Beszédeš: Detection of Faces and Facial Features in an Image (M. Oravec)

[2] P. Bandzi: Contribution to Texture Segmentation (J. Pavlovičová)

[3] R. Chomist: Contribution to the Theory of Transcontrol Codes Construction (P. Farkaš)

[4] E. Chromý: Observation of statistical properties of input flow of traffic sources on virtual paths dimensioning (I. Baroňák)

[5] M. Turcsány: New Techniques for CDMA (P. Farkaš)

[6] M. Turi Nagy: Audio Signal Processing with Sinusoidal Model (G. Rozinaj)

VII. OTHER ACTIVITIES

VII.1 Conferences and Seminars Organized by the Department

- ELOSYS 2007, October 2007 Trenčín, Slovak Republic, (cooperation with FEI STU Bratislava)

VII.2 Special Lectures

- LEONARDO_ELefANTS project – Information and Communication Technology in Lifelong Learning, (1 August 2007 – 30 September 2007, 65 persons), (P. Podhradský):
     Course: Informatics in Industrial Automation
- NGN – Multimedia, Multimedia ICT, Network Platforms, Multimedia Services and Network Security, ESF project, ITMS: 13120110126, No: DP 143/05-I/32-2.1 (October 2006 - April 2008, 125 persons), (P. Podhradský):
     Training module M1: Multimedia and Multimedia Technologies and Networks
     Training module M2: Converged Networks and NGN
     Training module M3: Access Network Technologies and Convergence Processes to NGN
     Training module M4: Transport Network Technologies and Convergence Processes to NGN
     Training module M5: Switching technologies and Convergence Processes to NGN
     Training module M6: NGN Application and Services
     Training module M7: Information Security in Multimedia.

VII.3 Expertise, tenders, international and national commission members

- I.Baroňák: ETS norms. Member of National Committee TNK No. 41 for Telecommunications, Transformation of ETS Norms in National Environment
- I.Baroňák: Award of J.Murgaš 2007: Member of Committee MDPT SR a SES, Selection Candidate of Award of J.Murgaš for Year 2007
- I.Baroňák: Member of Grant Committee of MDPT SR for Post, Telecommunication and Information Technologies. Bratislava, 2007
- I.Baroňák: Opponent of the projects for GA Czech Republic, Prague, July 2007
- I.Baroňák: Conference with International Participation: WDT 2007, May 2007, Bratislava, Slovak Republic, member of Program committee
- I.Baroňák: Conference with International Participation: ELOSYS 2007, October 2007, Trenčín Slovak Republic, member of Program committee
- I.Baroňák: International Conference - RTT 2007 – Research Telecommunication Technology 2007, September 2007, Brno, member of Program committee
- I.Baroňák: 30th International Conference - TSP 2007 - Telecommunications and signal processing Brno University of Technology, September 2007, Brno, member of scientific committee
- I.Baroňák: ICETA 2007 – International Conference on Emerging Telecommunications Technologies and Applications, Košice, Slovak Republic, September 2007, member of Program committee
- I.Baroňák: Elektrorevue, member of Editorial board (ISSN 1213-1539)
- I.Baroňák: Opponent of the projects for VEGA
- I.Baroňák: Opponent of the projects for APVV
- I.Baroňák: Opponent of the project for GA Czech Republic, Prague, June 2007
- I.Baroňák: Opponent of the projects for State Programme of Research and Development
- E.Chromý: Conference with International Participation: WDT 2007, May 2007, Bratislava, Slovak Republic, member of Organizational committee
- P.Farkaš: Accreditations committee of Slovak Government - working group for information sciences, information and communication technologies with responsibility also for the area of automation and telecommunications
- P. Farkaš: Review of the project proposals in FP 7 for EC
- P. Farkaš: ICSPCS'2007 Program Committee member and reviewer
- P. Farkaš: IST Mobile and Wireless Summit 2007, Program Committee member
- P. Farkaš: EUROCON 2007 Program Committee member
- P. Farkaš: PIMRC 2007, Program Committee member
- M. Medvecký: Conference ELOSYS, chairman of the section
- M.Oravec: Working group ENUM, with support of Ministry of Transport, Posts and

Telecommunications of Slovak Republic, member
- M.Oravec: Journal of Electrical Engineering,, member of Reviewers Committee
- M.Oravec: Opponent of the projects for APVV (Agentúra pre vedu a výskum, Slovak Research and Development Agency)
- M. Oravec: Conference chairman of the session Visualization; The Seventh IASTED International Conference on Visualization, Imaging, and Image Processing (VIIP 2007), August 29 – 31, 2007, Palma de Mallorca, Spain
- M.Oravec: Chairman of section Telecommunications II, conference with international participation, Electrotechnics and Informatics, Oct. 16-19, 2007, Trenčín
- M.Orgoň: Conference with International Participation: ELOSYS 2007, October 2007, Trenčín Slovak Republic, member of Program committee
- J. Polec: Radioengineering, member of Editorial board
- J. Polec: Opponent of the project for GA Czech Republic, Prague, August 2007
- J. Polec: Opponent of the projects for VEGA
- J. Polec: Opponent of the projects for APVV
- J. Polec: Opponent of the projects for Foundation of SPP
- P.Podhradský: Journal of Electrical Engineering, member of Editorial board
- P.Podhradský: International Journal of Signal and Imaging Systems Engineering (IJSISE), member of Editorial board
- P.Podhradský: Membership in Conference Committees: International conference IWSSIP`2007, September 2007, Maribor, Slovenia, member of Program committee and International review committee International conference 2007, September 2007, Zadar, member of Program committee and International review committee
- P.Podhradský: chairman of the board of the State programme "Building of the Information Society"
- G.Rozinaj: Membership in Conference Committees: International conference IWSSIP`2007, June 2007, Maribor, Slovenia, member of Program committee, International review committee
- G.Rozinaj: International Journal of Signal and Imaging Systems Engineering (IJSISE) member of Editorial board
- G. Rozinaj: Opponent of the projects for GA Czech Republic, Prague, July 2007
- G. Rozinaj: Journal of Electrical Engineering, member of Reviewers Committee

VIII. PUBLICATIONS

VIII.1 Journals

[1]   ADAMKO, D., KUBICA, J., ORGOŇ, M.: The Portal Design and Realization with Bearing on Mobile Services - WAP and WEB Version. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 192-194. (in Slovak)

[2]   ALEXOVÁ, L., BRIATKA, O., ĎURIS, R., KNOTEK, J., MICHALÍK, P., ROSA, M., ŠELC, P., CHROMÝ, E.: IP Video on Demand Service and Its Optimization. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 169-171. (in Slovak)

[3]   BANDZI, P., ORAVEC, M., PAVLOVIČOVÁ, J.: New Statistics for Texture Classification Based on Gabor Filters. In: Radioengineering. - ISSN 1210-2512. - Vol. 16, No. 3 (2007), p. 133-137. (in English)

[4]   BAROŇÁK, I., KYRBASHOV, B.: Evolution Methods and QoS in VoIP. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 195-199. (in Slovak)

[5] BAROŇÁK, I., HALÁS, M.: Mathematical Representation of VoIP Connection Delay. In: Radioengineering. - ISSN 1210-2512. - Vol. 16, No. 3 (2007), p. 77-85. (in English)

[6] BENIAK, M., PAVLOVIČOVÁ, J.: Human Face Segmentation - Color Analysis. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 156-159. (in Slovak)

[7] ČUCHRAN, J.: Limiting Conditions of the xDSL Technologies Utilization for the Multimedia Service Exploitation in the Access Networks. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, No. 4 (2007), p. 19-20. (in Slovak)

[8] HALÁS, M., VOZŇÁK, M.: Negative Influences of VoIP Connection Quality. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 163-165. (in Slovak)

[9] CHROMÝ, E., BAROŇÁK, I.: Utilization of 1st Erlang Formula in Asynchronous Network. In: Journal of Electrical Engineering. - ISSN 1335-3632. - Vol. 58, No. 6 (2007), p. 342-346. (in English)

[10] JAKUBOV, P., KOTULIAKOVÁ, K., POLEC, J.: Implementation of Wireless Network Protocol. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 186-188. (in Slovak)

[11] KAČUR, J., VOJTKO, J.: Various Aspects of HMM Model Training Using the SphinxTrain Procedure. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 172-174. (in English)

[12] KADLIC, R., ORGOŇ, M.: The Creation of Portal Designation on Sharing and Business with Digital Photos. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue, p. 175-177. (in Slovak)

[13] KESZELI, M., MIKÓCZY, E., RÓKA, R.: Testing of QoS VoIP Using the Network Simulator. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 178-181. (in Slovak)

[14] KRAJČ, O., KOTULIAKOVÁ, K.: Concatenated Forward Error Control. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 189-191. (in Slovak)

[15] KUBICA, J., ADAMKO, D., ORGOŇ, M.: The Portal Design and Realization with the Content Management System. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 152-155. (in Slovak)

[16] LÁBAJ, O., PODHRADSKÝ, P., KOTULIAK, I.: Secured Communication of NGN Testbed Platform. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 200-202. (in Slovak)

[17] MARDIAK, M., FILANOVÁ, J.: Videoconference Service and Quality of Videoconference Measurement. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 160-162. (in Slovak)

[18] MATEJOVIČ, J., ORGOŇ, M.: The Security Model. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 203-207. (in Slovak)

[19] MEDVECKÝ, M., ČUNDERLÍK, P.: Comparison of AQMM Methods Concerning QoS Support. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special

Issue (2007), p. 212-214. (in Slovak)

[20] MEDVECKÝ, M., BALOGH, T.: Packet Prioritization in Networks with QoS Support. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 208-211. (in Slovak)

[21] MOJZEŠ, M., POLEC, J.: A Three-Level Hierarchical Encoder Using Independent Transform. In: Radioengineering. - ISSN 1210-2512. - Vol. 16, No. 2 (2007), p. 67-70. (in English)

[22] MOJZEŠ, M., POLEC, J.: 2D Modification of a Method for an Extrapolation of the Missing Image Data Using Discrete Orthogonal Basis Function. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 270-272. (in English)

[23] OBOŇA, J., GALOVIČ, P.: Trellis Decoding of Linear Block Codes. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 215-218. (in Slovak)

[24] ONDROVIČ, P., BAROŇÁK, I.: Virtual PBX. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 219-222. (in Slovak)

[25] ORAVEC, M., PAVLOVIČOVÁ, J.: Face Recognition Methods Based on Feedforward Neural Networks, Principal Component Analysis and Self-Organizing Map. In: Radioengineering. - ISSN 1210-2512. - Vol. 16, No. 1 (2007), p. 51-57. (in English)

[26] OSTERTAG, P., VARGIC, R.: Watermarking in Audio Signals. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 232-235. (in Slovak)

[27] PODHORSKÝ, P., BAROŇÁK, I.: Triple Play - Application in NGN. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 241-245. (in Slovak)

[28] PRAČKO, R., POLEC, J.: DPCM Application to Images Scanned by SFC Method. In: Journal of Electrical Engineering. - ISSN 1335-3632. - Vol. 58, No. 3 (2007), p. 161-164. (in English)

[29] PRAČKO, R., POLEC, J., HASENÖHRLOVÁ, K.: Segmentation Based Image Scanning. In: Radioengineering. - ISSN 1210-2512. - Vol. 16, No. 2 (2007), p. 71-76. (in English)

[30] PRAČKO, R., POLEC, J.: Segmentation Based Image Scanning. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 246-249. (in English)

[31] ROZIAK, M., HALÁS, M.: Quality of Service in NGN Networks. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 166-168. (in Slovak)

[32] PROCHÁSKA, J., VARGIC, R.: On the Relationship between Integer Lifting and Rounding Transform. In: Radioengineering. - ISSN 1210-2512. - Vol. 16, No. 4 (2007), p. 110-113. (in English)

[33] SESTRIENKA, M., ORAVEC, M.: Throughput Simulation in Wireless Networks IEEE 802.11. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 227-231. (in Slovak)

[34] SLOVJAKOVÁ, Ľ., ORGOŇ, M.: The Conceptual Model Design of Webservices for Notarial

Agency. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue, p. 250-253. (in Slovak)

[35] SLUČIAK, O., VARGIC, R.: Detection and Identification of Tones in Acoustic Signals. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 254-256. (in Slovak)

[36] STRAČÁR, P., SLAMKA, M., ORAVEC, M.: Kernel Methods, PCA and LDA for Recognition of Human Faces. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 223-226. (in Slovak)

[37] TOMEK, R., PODHRADSKÝ, P., KOTULIAK, I.: Quality Analysis of Video Streaming Services on IMS Access Layer. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 257-259. (in Slovak)

[38] TOMKO, J., HALÁS, M.: IP Telephony Security. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p.260-263. (in Slovak)

[39] TRÚCHLY, P., HUSÁR, M.: Routing Protocols of Multilayered Satellite Networks. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 264-266. (in Slovak)

[40] VRABEC, J., ROZINAJ, G.: Multichannel Beamforming for Speech Recognition. In: EE časopis pre elektrotechniku a energetiku. - ISSN 1335-2547. - Vol. 13, Special Issue (2007), p. 267-269. (in English)

VIII.2 Conference Proceedings

[1] BANDZI, P., OSADSKÝ, M.: Fuzzy Approach for Texture Segmentation. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 7-10. (in English)

[2] BAROŇÁK, I., HALÁS, M., ORGOŇ, M.: Mathematical Model of VoIP Connection Delay. In: MCCSIS 2007. IADIS Multi Conference on Computer Science and Information Systems. Lisbon, Portugal, 3.-8.7.2007. – ISBN 978-972-8924-40-9. - p. 95-99. (in English)

[3] BAROŇÁK, I., POLÁČEK, P.: Connection Admission Control in ATM - the Diffuse Method. In: Telecommunications and Signal Processing TSP-2007: 30th International Conference. Brno, Czech Republic, 6.-7.9.2007. - Brno: VUT, 2007. - p. 19-46. (in English)

[4] BENKOVIČ, J., KOTULIAKOVÁ, K., KOTULIAK, I.: Performance Evaluation of Routing Protocols Used in Infrastructures Environment. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 27-31. (in English)

[5] ČEPKO, J.: Accelerated Unit Selection in Corpus-Oriented Speech Synthesis. In: Proceedings of Redžúr: 1st International Workshop on Speech and Signal Processing. Bratislava, Slovak Republic, 11.5.2007. - Bratislava: FEI STU, 2007. - p. 4-7. (in English)

[6] ČUCHRAN, J.: Some Limiting Conditions on Metallic Symmetric Cable Lines Utilized by xDSL Technologies for the Expansion of Multimedia Services in the Access Networks. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 73-75. (in English)

[7] FARKAŠ, P., IANCU, D., HOLLÝ, T., OBOŇA, J., GLOSSNER, J.: On Trellises Supporting

SDR Realization of the Optimal [36,13,12] Code. In: EUROCON 2007. International Conference on Computer as a Tool: Warsaw, Poland, 9.-12.9.2007. - Warsaw: Institute of Electrical and Electronics Engineers, 2007. - p. 1113-1115. (in English)

[8] FARKAŠ, P., IANCU, D., HOLLÝ, T., OBOŇA, J., GLOSSNER, J.: Structured Trellis of [44,26,8] Best Linear Block Code Supporting SDR Realization. In: IEEE Africon 2007: Windhoek, Namibia, 26.-28.9.2007. - ISBN 1-4244-0987-X. - CD-Rom. (in English)

[9] FILANOVÁ, J.: Use of the Algorithm Evolution Strategies in the Simulation of Multipoint Routing in Telecommunications Networks. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 90-93. (in English)

[10] GALOVIČ, P., OBOŇA, J.: Recursive Decoding of Block Codes. In: ŠVOČ 2007. Bratislava, Slovak Republic, 25.4.2007. - Bratislava: STU, 2007. - ISBN 978-80-227-2650-4. - CD-Rom. (in Slovak)

[11] HABÁNIK, M., CHROMÝ, E.: Quality of Service in Modern IP Networks -Methods and Equipments. In: ŠVOČ 2007. Bratislava, Slovak Republic, 25.4.2007. - Bratislava: STU, 2007. - ISBN 978-80-227-2650-4. - CD-Rom. (in Slovak)

[12] HALÁS, M., KYRBASHOV, B.: Trends in Quality Measurement Methods in VoIP. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 118-122. (in English)

[13] HALÁS, M., KYRBASHOV, B., VOZŇÁK, M.: Factors Influencing Voice Quality in VoIP Technology. In: 9th International Conference on Informatics 2007. Bratislava, Slovak Republic, 21.-22.6.2007. – Bratislava: SSAKI, 2007. – ISBN 978-80-969243-7-0. – p. 32-35. (in English)

[14] HALÁS, M., KYRBASHOV, B., VOZŇÁK, M.: Factors Influencing Voice Quality in VoIP Technology. In: ICETA 2007. 5th International Conference on Emerging Telecommunications Technologies and Applications. Stará Lesná, Slovak Republic, 6.-8.9.2007. – Košice: Elfa, 2007. - ISBN 978-80-8086-061-5. – CD-Rom. (in English)

[15] HULÍK, M., TRÚCHLY, P.: Packet Routing in LED Networks. In: ŠVOČ 2007. Bratislava, Slovak Republic, 25.4.2007. - Bratislava: STU, 2007. - ISBN 978-80-227-2650-4. – CD-Rom. (in Slovak)

[16] HUMENSKÝ, M., MOLNÁR, E., RÓKA, R.: The Validation of Telecommunication Network in the GIS System. In: ŠVOČ 2007. Bratislava, Slovak Republic, 25.4.2007. - Bratislava: STU, 2007. - ISBN 978-80-227-2650-4. - CD-Rom. (in Slovak)

[17] CHROMÝ, E.: Design of VBR Video Traffic Source Model by Use of Discrete Markov Chain. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 145-148. (in English)

[18] JANATA, V.: Framework Based on PHP and MySQL as a Platform for Internet Application Development. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 149-152. (in English)

[19] JANATA, V.: The Use of Template Engines in Multimedia. In: Telecommunications and Signal Processing TSP-2007: 30th International Conference. Brno, Czech Republic, 6.-7.9.2007. - Brno: VUT, 2007. (in English)

[20] KAČUR, J., ČEREŠŇA, M.: A Modified MASPER Training Procedure for ASR System and Its Performance on Slovak MOBILDAT Database. In: 2007 IWSSIP & EC-SIPMCS. 14th International Workshop on Systems, Signals & Image Processing and EURASIP Conference Focused on Speech & Image Processing, Multimedia Communications & Services: Maribor, Slovenia, 27.-30.6.2007. - Maribor: University of Maribor, 2007. - ISBN 978-961-248-029-5. - p. 507-510. (in English)

[21] KAČUR, J., KÖRÖSI, J.: An Accuracy Optimization of a Dialog ASR Systems Utilizing Evolutional Strategies. In: ISPA 2007. 5th International Symposium on Image and Signal Processing and Signal Analysis: Istanbul, Turkey, 27.-29.9.2007. - IEEE, 2007. - ISBN 953184117-7. - CD-Rom. (in English)

[22] KAVACKÝ, M.: Evaluation of CAC Methods in Education Process. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 169-173. (in English)

[23] KAVACKÝ, M., BAROŇÁK, I.: Practical Use of Traffic Control Simulations for Education Purposes. In: ICETA 2007: 5th International Conference on Emerging e-Learning Technologies and Applications. Stará Lesná, Slovak Republic, 6.-8.9.2007. - Košice: Elfa, 2007. - ISBN 978-80-8086-061-5. - CD-Rom. (in English)

[24] KAVACKÝ, M., BAROŇÁK, I.: Quality of Service and Optimal Selection of Traffic Control Scheme in ATM Network. In: ELECO 2007: 5th International Conference on Electrical and Electronics Engineering. Bursa, Turkey, 5.-8.12.2007. – Bursa, 2007. - ISBN 978-9944-89-421-0. - p. 279-283. (in English)

[25] KESZELI, M., MIKÓCZY, E., RÓKA, R.: The QoS VoIP Testing by Means of Network Simulator. In: ŠVOČ 2007. Bratislava, Slovak Republic, 25.4.2007. - Bratislava: STU, 2007. - ISBN 978-80-227-2650-4. - CD-Rom. (in Slovak)

[26] KOTULIAK, I., BOČINEC, S., BENKOVIČ, R.: KaTaLyzer - Framework for Ethernet Traffic Analysis. In: 2007 IWSSIP & EC-SIPMCS. 14th International Workshop on Systems, Signals & Image Processing and EURASIP Conference Focused on Speech & Image Processing, Multimedia Communications & Services: Maribor, Slovenia, 27.-30.6.2007. - Maribor: University of Maribor, 2007. - ISBN 978-961-248-029-5. - p. 503-506. (in English)

[27] KOTULIAK, I., POBIECKY, O., POPA, D., ATMACA, T., HÉBUTERNE, G.: LOCOMOTIVE: A Hybrid Access Protocol for Bus-Based Passive Optical Networks. In: MASCOTS'07: 15th International Symposium on Modeling, Analysis, and Simulation of Computer and Telecommunication Systems. - Piscataway: IEEE, 2007. - p. 432-436. (in English)

[28] KOTULIAKOVÁ, K., POLEC, J.: Concatenated HARQ Schemes. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 184-187. (in English)

[29] KOVAĽOV, A., KYRBASHOV, B.: Perspectives and Problems of Tourism Development in Kyrgiz Republic. In: Tourist Traffic Impact to Residential Expansion: International Conference "Tourist Traffic, Regional Expansion and Educational System". Tábor, Czech Republic, 19.-24.4.2007. - České Budějovice: Jihočeská univerzita, 2007. - p. 113-123. (in Slovak)

[30] KRIŠTOF, B., KOLÁRIK, M., PAVLOVIČOVÁ, J.: Human Face Features Detection. In: ŠVOČ 2007. Bratislava, Slovak Republic, 25.4.2007. - Bratislava: STU, 2007. - ISBN 978-80-227-2650-4. - CD-Rom. (in Slovak)

[31] KYRBASHOV, B.: Buzz Technology Peer to Peer Internet Telephony. In: Telecommunications and Signal Processing TSP-2007: 30th International Conference. Brno, Czech Republic, 6.-7.9.2007. - Brno: VUT v Brně, 2007. - p. 12-14. (in English)

[32] MEDVECKÝ, M.: Explicit Routing in MPLS Networks. In: Telecommunications and Signal Processing TSP-2007: 30th International Conference. Brno, Czech Republic, 6.-7.9.2007. - Brno: VUT, 2007. - p. 24-27. (in English)

[33] MEDVECKÝ, M.: Performance of BC Models for QoS Provisioning in MPLS. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 245-250. (in English)

[34] MELIŠEK, M., MAZANEC, J., ORAVEC, M.: PCA and LDA in Human Face Recognition. In: ŠVOČ 2007. Bratislava, Slovak Republic, 25.4.2007. - Bratislava: STU, 2007. - ISBN 978-80-227-2650-4. - CD-Rom. (in Slovak)

[35] MESZÁROŠ, M., VOJTKO, J.: Training Database Size Impact on Recognition Rate. In: Proceedings of Redžúr: 1st International Workshop on Speech and Signal Processing. Bratislava, 11.5.2007. - Bratislava: FEI STU, 2007. - p. 23-25. (in English)

[36] MIKÓCZY, E., PODHRADSKÝ, P., KOTULIAK, I., MATEJKA, J.: Experimental NGN Lab Testbed for Education and Research in Next Generation Network Technologies. In: Personal Wireless Communications: 12th IFIP International Conference. Prague, Czech Republic, 12.-14.9.2007. - New York: Springer, 2007. - ISBN 978-0-387-74158-1. - p. 174-183. (in English)

[37] MOJZEŠ, M., POLEC, J., ONDRUŠOVÁ, S.: Image Compression Using Shape Independent Transform Coding and Spline Approximation of Segment Boundaries. In: ELITECH ´07. The 9th Conference for PhD Students Electrical Engineering and Information Technology: Bratislava, Slovak Republic, 16.5.2007. - Bratislava: STU, 2007. - ISBN 978-80-227-2655-9. - CD-Rom. (in English)

[38] ONDROVIČ, P., BAROŇÁK, I.: Virtual Private Network - PBX. In: ŠVOČ 2007. Bratislava, Slovak Republic, 25.4.2007. - Bratislava: STU, 2007. - ISBN 978-80-227-2650-4. - CD-Rom. (in Slovak)

[39] ORAVEC, M., PAVLOVIČOVÁ, J.: Feature Extraction by Multilayer Perceptron - Visualization of Internal Representation of Input Data. In: Visualization, Imaging and Image Processing: 7th IASTED International Conference. Palma de Mallorca, Spain, 29.-31.8.2007. - Zurich: ACTA Press, 2007. - ISBN 978-088986-691-1. - p. 112-117. (in English)

[40] ORGOŇ, M.: PLC/PBL and Next Generation Network. In: Communication over MV and LV Power Lines (PLC/BPL Technology): 3rd Conference. Prague, Czech Republic, 8.-9.10.2007. - Prague: Power-Com, 2007. - CD-Rom. (in English)

[41] ORGOŇ, M.: The Investigation of Information Systems Security in the Context of Internet Banking. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 305-309. (in English)

[42] OSADSKÝ, M., BANDZI, P.: Texture Segmentation. In: ŠVOČ 2007. Bratislava, Slovak Republic, 25.4.2007. - Bratislava: STU, 2007. - ISBN 978-80-227-2650-4. - CD-Rom. (in Slovak)

[43] OSTERTAG, P., VARGIC, R.: Performance Evaluation of Spectral Estimators for Sinusoidal Modeling. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 310-315. (in English)

[44] PAJDA, T., RÓKA, R.: The Analysis of Modulation and Coding Techniques Used by the VDSL Technology. In: ŠVOČ 2007. Bratislava, Slovak Republic, 25.4.2007. - Bratislava: STU, 2007. - ISBN 978-80-227-2650-4. - CD-Rom. (in Slovak)

[45] PÁLENÍK, A., ČEPKO, J., TURI NAGY, M.: Intonation Modelling of Slovak Speech Using MOMEL/INTSINT Framework. In: 2007 IWSSIP & EC-SIPMCS. 14th International Workshop on Systems, Signals & Image Processing and EURASIP Conference Focused on Speech & Image Processing, Multimedia Communications & Services: Maribor, Slovenia, 27.-30.6.2007. - Maribor: University of Maribor, 2007. - ISBN 978-961-248-029-5. - p. 499-502. (in English)

[46] PAVLOVIČOVÁ, J., KRIŠTOF, B., ORAVEC, M., BANDZI, P.: Face Features Detection and Localization. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 325-328. (in English)

[47] PODHRADSKÝ, P., MIKÓCZY, E., MATEJKA, J., LÁBAJ, O., KOTULIAK, I.: NGN Platform Architecture and Its Adaptation to the Evolution Trends. In: 2007 IWSSIP & EC-SIPMCS. 14th International Workshop on Systems, Signals & Image Processing and EURASIP Conference Focused on Speech & Image Processing, Multimedia Communications & Services: Maribor, Slovenia, 27.-30.6.2007. - Maribor: University of Maribor, 2007. - ISBN 978-961-248-029-5. - CD-Rom. (in English)

[48] PODHRADSKÝ, P., MIKÓCZY, E., MATEJKA, J., LÁBAJ, O., KOTULIAK, I., TOMEK, R.: Practical Experience with New Services and Applications Supported by NGN Platform. In: Proceedings Elmar-2007: 49th International Symposium Elmar-2007 focused on Mobile Multimedia. Zadar, Croatia, 12.-14.9.2007. - Zadar: Croatian Society Electronics in Marine, 2007. - ISBN 978-953-7044-05-3. - CD-Rom. (in English)

[49] POLÁČEK, P., BAROŇÁK, I.: Connection Admission Control in ATM. In: ŠVOČ 2007. Bratislava, Slovak Republic, 25.4.2007. - Bratislava: STU, 2007. - ISBN 978-80-227-2650-4. - CD-Rom. (in Slovak)

[50] RÓKA, R.: Transport and Access Network Technologies from a Viewpoint of the NGN Convergence. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 359-362. (in English)

[51] RÓKA, R.: Verification of the Parametric Model for Reference Channels in the Real PLC Environment. In: Communication over MV and LV Power Lines (PLC/BPL Technology): 3rd Conference. Prague, 8.-9.10.2007. - Prague: Power-Com, 2007. - CD-Rom. (in English)

[52] ROZINAJ, G., VRABEC, J.: Human Computer Interaction for Data Retrieval from Internet. In: Proceedings of Redžúr: 1st International Workshop on Speech and Signal Processing. Bratislava, Slovak Republic, 11.5.2007. - Bratislava: FEI STU, 2007. - p. 59-62. (in English)

[53] SESTRIENKA, M., ORAVEC, M.: Simulation of Throughput in IEEE 802.11 Wireless Networks. In: Telecommunications and Signal Processing TSP-2007: 30th International Conference. Brno, Czech Republic, 6.-7.9.2007. - Brno: VUT, 2007. - p. 36-40. (in English)

[54] SLAMKA, M., ORAVEC, M.: Face Recognition Using Kind of LDA Methods. In: ŠVOČ 2007. Bratislava, Slovak Republic, 25.4.2007. - Bratislava: STU, 2007. - ISBN 978-80-227-2650-4. - CD-Rom. (in Slovak)

[55] STRAČÁR, P., SLAMKA, M., ORAVEC, M., PAVLOVIČOVÁ, J., BANDZI, P.: Kernel and Conventional Methods for Recognition of Face Images. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak

Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 395-399. (in English)

[56]   STRAČÁR, P., ORAVEC, M.: Face Recognition Using Kind of PCA Methods. In: ŠVOČ 2007. Bratislava, Slovak Republic, 25.4.2007. - Bratislava: STU, 2007. - ISBN 978-80-227-2650-4. - CD-Rom. (in Slovak)

[57]   TALAFOVÁ, R., ROZINAJ, G., ČEPKO, J.: Multimedia SMS Reading in Mobile Phone. In: Advances in Communications: 11th WSEAS International Conference on Communications. Crete Island, Greece, 26.-28.7.2007. - WSEAS Press, 2007. - ISBN 978-960-8457-91-1. - p. 56-59. (in English)

[58]   TALAFOVÁ, R., ROZINAJ, G., ČEPKO, J.: Speech Synthesis for Mobile Phone. In: Proceedings Elmar-2007: 49th International Symposium Elmar-2007 focused on Mobile Multimedia. Zadar, Croatia, 12.-14.9.2007. - Zadar: Croatian Society Electronics in Marine, 2007. - ISBN 978-953-7044-05-3. - p. 167-170. (in English)

[59]   TIBENSKÝ, M., CHROMÝ, E.: Design of e-Learning Platform. In: ŠVOČ 2007. Bratislava, Slovak Republic, 25.4.2007. - Bratislava: STU, 2007. - ISBN 978-80-227-2650-4. - CD-Rom. (in Slovak)

[60]   TRÚCHLY, P., BÚRAN, P.: Analysis and Comparison of LEO and MEO Satellite Networks. In: Proceedings Elmar-2007: 49th International Symposium Elmar-2007 focused on Mobile Multimedia. Zadar, Croatia, 12.-14.9.2007. - Zadar: Croatian Society Electronics in Marine, 2007. - ISBN 978-953-7044-05-3. - p. 239-242. (in English)

[61]   TRÚCHLY, P.: Comparison of Current Transport Layer Protocols. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 415-419. (in English)

[62]   TRÚCHLY, P., PODHRADSKÝ, P.: Performance of Voice Transmission over LEO and MEO Satellite Networks. In: Proceedings of Redžúr: 1st International Workshop on Speech and Signal Processing. Bratislava, Slovak Republic, 11.5.2007. - Bratislava: FEI STU, 2007. - p. 42-45. (in English)

[63]   TRÚCHLY, P., BERAGG, M.: Transmission Efficiency of Current Communications Systems. In: 2007 IWSSIP & EC-SIPMCS. 14th International Workshop on Systems, Signals & Image Processing and EURASIP Conference Focused on Speech & Image Processing, Multimedia Communications & Services: Maribor, Slovenia, 27.-30.6.2007. - Maribor: University of Maribor, 2007. - ISBN 978-961-248-029-5. - p. 515-518. (in English)

[64]   VARGIC, R., KOTULIAK, I., ZEMAN, V.: Error Concealment for JPEG2000 Using Wavelet Transform. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 435-439. (in English)

[65]   VOJTKO, J., KAČUR, J., ROZINAJ, G.: The Training of Slovak Speech Recognition Based on Sphinx 4 for GSM Network. In: Proceedings Elmar-2007: 49th International Symposium Elmar-2007 focused on Mobile Multimedia. Zadar, Croatia, 12.-14.9.2007. - Zadar: Croatian Society Electronics in Marine, 2007. - ISBN 978-953-7044-05-3. - p. 147-150. (in English)

[66]   VOJTKO, J., KAČUR, J.: Training of Slovak Acoustic Models for Sphinx4 Suistable for Mobile Networks. In: Proceedings of Redžúr: 1st International Workshop on Speech and Signal Processing. Bratislava, Slovak Republic, 11.5.2007. - Bratislava: FEI STU, 2007. - p. 55-58. (in English)

[67] VOZŇÁK, M., ROCHA, E., KYRBASHOV, B.: End to End Delay. In: RTT 2007. Research in Telecommunication Technology: 8th International Conference. Liptovský Ján, Slovak Republic, 10.-12.9.2007. - Žilina: University of Žilina, 2007. - p. 466-469. (in English)

[68] VOZŇÁK, M., HALÁS, M.: End to End VoIP Delay Model. In: Broadband Networks and Their Applications. Olomouc, Czech Republic, 29.-30.5.2007. – ISBN 978-80-244-1687-8. – p. 128-131. (in Czech)

[69] VRABEC, J., ROZINAJ, G.: IQ Kiosk - Multimedia Intelligent Terminal. In: Proceedings Elmar-2007: 49th International Symposium Elmar-2007 focused on Mobile Multimedia. Zadar, Croatia, 12.-14.9.2007. - Zadar: Croatian Society Electronics in Marine, 2007. - ISBN 978-953-7044-05-3. - p. 203-206. (in English)

[70] VRABEC, J., ROZINAJ, G., VOJTKO, J.: MABox - Multimodal Microphone Array Algorithm Development System. In: 2007 IWSSIP & EC-SIPMCS. 14th International Workshop on Systems, Signals & Image Processing and EURASIP Conference Focused on Speech & Image Processing, Multimedia Communications & Services: Maribor, Slovenia, 27.-30.6.2007. - Maribor: University of Maribor, 2007. - ISBN 978-961-248-029-5. - p. 281-283. (in English)

[71] VRÁBEL, A., VARGIC, R., KOTULIAK, I.: Subscriber Databases and Their Evolution in Mobile Networks from GSM to IMS. In: Proceedings Elmar-2007: 49th International Symposium Elmar-2007 focused on Mobile Multimedia. Zadar, Croatia, 12.-14.9.2007. - Zadar: Croatian Society Electronics in Marine, 2007. - ISBN 978-953-7044-05-3. - p. 115-117. (in English)

VIII.3 Books

[1] BRÍDA, P., DÚHA, J., GALAJDA, P., GAMEC, J., KOTULIAK, I., LAVRIN, A., LEVICKÝ, D., MARCHEVSKÝ, S., MIKÓCZY, E., PILLAR, S., POČTA, P., PODHRADSKÝ, P., RIDZOŇ, R., RÓKA, R., TRÚCHLY, P., WIESER, V.: Multimedia, Technologies in Access Networks, Services and Applications. - Bratislava: Tonada, 2007. - CD-Rom. - ISBN 978-80-89299-11-9. (in Slovak)

[2] BRÍDA, P., DÚHA, J., GALAJDA, P., GAMEC, J., KOTULIAK, I., LAVRIN, A., MARCHEVSKÝ, S., MATEJKA, J., MIKÓCZY, E., PILLAR, S., POČTA, P., PODHRADSKÝ, P., RÓKA, R., TRÚCHLY, P., WIESER, V.: NGN, Technologies in Access Networks, Services and Applications. - Bratislava: Tonada, 2007. - CD-Rom. - ISBN 978-80-89299-08-9. (in Slovak)

[3] BRÍDA, P., DÚHA, J., GALAJDA, P., GAMEC, J., KOTULIAK, I., LAVRIN, A., MARCHEVSKÝ, S., MATEJKA, J., MEDVECKÝ, M., MIKÓCZY, E., PILLAR, S., POČTA, P., PODHRADSKÝ, P., RÓKA, R., WIESER, V.: NGN, Transport Network Technologies, Services and Applications. - Bratislava: Tonada, 2007. - CD-Rom. - ISBN 978-80-89299-12-6. (in Slovak)

[4] BRÍDA, P., DÚHA, J., GALAJDA, P., GAMEC, J., KOTULIAK, I., LAVRIN, A., LEVICKÝ, D., MARCHEVSKÝ, S., MIKÓCZY, E., PILLAR, S., POČTA, P., PODHRADSKÝ, P., RIDZOŇ, R., RÓKA, R., TRÚCHLY, P., WIESER, V.: Technologies in Access Networks, Sservices and Applications, Information Security. - Bratislava: Tonada, 2007. - CD-Rom. - ISBN 978-80-89299-01-1. (in Slovak)

[5] DÚHA, J., GAMEC, J., KOTULIAK, I., MATEJKA, J., MEDVECKÝ, M., MIKÓCZY, E., PODHRADSKÝ, P., RÓKA, R.: NGN, Transport Network Technologies and Switching Systems. - Bratislava: Tonada, 2007. - CD-Rom. - ISBN 978-80-89299-09-6. (in Slovak)

[6] DÚHA, J., MARCHEVSKÝ, S., RÓKA, R., TRÚCHLY, P., WIESER, V.: Access Technologies and Their Integration to NGN. - Bratislava: STU, 2007. - 76 p. - ISBN 978-80-227-2608-5. (in Slovak)

[7] DÚHA, J., KOTULIAK, I., MEDVECKÝ, M., RÓKA, R.: Transport Network Technologies and Their Integration to NGN. - Bratislava: STU, 2007. - 81 p. - ISBN 978-80-227-2609-2. (in Slovak)

[8] FERKL, L., ŠMEJKAL, L., SLÁDEK, O., PODHRADSKÝ, P., DÚHA, J.: Teleinformatics in Industrial Automation. - Nitra: Agrogenofond, 2007. - Book version. - ISBN 978-80-89240-14-2 (in English),   ISBN 978-80-89240-06-7 (in Slovak),   ISBN 978-80-01-03811-6 (in Czech),   ISBN 978-80-01-03817-8 (in Polish),   ISBN 978-80-01-03823-9 (in German), ISBN 978-80-01-03829-1 (in Slovenien), ISBN 978 978-80-01-03835-2 (in French)

[9] FERKL, L., ŠMEJKAL, L., SLÁDEK, O., PODHRADSKÝ, P., DÚHA, J.: Teleinformatics in Industrial Automation. – Prague, 2007. - CD version. - ISBN 978-80-01-03871-0 (in English), ISBN 978-80-01-03877-2 (in Slovak), ISBN 978-80-01-03841-9 (in Czech), ISBN 978-80-01-03847-5 (in Polish), ISBN 978-80-01-03853-6 (in German), ISBN 978-80-01-03859-8 (in Slovenien), ISBN 978-80-01-03865-9 (in French)

[10] GAMEC, J., KOTULIAK, I., LEVICKÝ, D., MATEJKA, J., MEDVECKÝ, M., MIKÓCZY, E., PODHRADSKÝ, P., RIDZOŇ, R.: Multimedia, NGN and Switching Systems. - Bratislava: Tonada, 2007. - ISBN 978-80-89299-14-0. (in Slovak)

[11] KOTULIAK, I., MEDVECKÝ, M., MIKÓCZY, E., PODHRADSKÝ, P.: Switching Systems and their Integration to NGN. - Bratislava: STU, 2007. - 91 p. - ISBN 978-80-227-2610-8. (in Slovak)

[12] MATEJKA, J., MIKÓCZY, E., PODHRADSKÝ, P.: Network Convergence and NGN. - Bratislava: STU, 2007. - 86 p. - ISBN 978-80-227-2607-8. (in Slovak)

[13] PODHRADSKÝ, P., TOMAŠOVIČ, L., ZODL, J.: Electronics in Communication Systems. - Bratislava: STU, 2007. - 389 p. - ISBN 978-80-227-2711-2. (in Slovak)

[14] POLEC, J., KARLUBÍKOVÁ, T., VARGIC, R.: Probabilistic Models in Telecommunications. - Bratislava: STU, 2007. - 167 p. - ISBN 978-80-227-2641-2. (in Slovak)

VIII.4 Part of books

[1] BAROŇÁK, I., HALÁS, M.: Mathematical Model of VoIP Connection Delay. In: Ročenka 2006. Fórum pre komunikačné technológie. - Bratislava: DALI-BB, Ltd., 2007. - ISBN 978-80-89090-24-2. - p. 94-108. (in Slovak)

[2] BAROŇÁK, I., ZÁLESŇÁK, B.: CAC Methods in ATM. In: Ročenka 2006. Fórum pre komunikačné technológie. - Bratislava: DALI-BB, Ltd., 2007. - ISBN 978-80-89090-24-2. - p. 81-93. (in Slovak)

[3] PODHRADSKÝ, P.: Evolution Trends of the Converged Networks and Next Generation Networks. In: Annual 2006 of the Croatian Academy of Engineering. - Zagreb: Croatian Academy of Sciences, 2007. - ISBN 1332-3482. - p. 165-189. (in English)

VIII.5 Textbooks

[1] BRÍDA, P., DÚHA, J., GALAJDA, P., GAMEC, J., LAVRIN, A., LEVICKÝ, D., MARCHEVSKÝ, S., MATEJKA, J., MIKÓCZY, E., PILLAR, S., POČTA, P., PODHRADSKÝ, P., RIDZOŇ, R., TRÚCHLY, P., WIESER, V.: Multimedia, NGN, Services

and Applications. - Bratislava: Tonada, 2007. - ISBN 978-80-89299-05-8. (in Slovak)

[2]   BRÍDA, P., DÚHA, J., GALAJDA, P., GAMEC, J., LAVRIN, A., LEVICKÝ, D., MARCHEVSKÝ, S., MIKÓCZY, E., PILLAR, S., POČTA, P., PODHRADSKÝ, P., RIDZOŇ, R., TRÚCHLY, P., WIESER, V.: Multimedia, Services and Applications, Information Security. - Bratislava: Tonada, 2007. - ISBN 978-80-89299-15-7. (in Slovak)

[3]   BRÍDA, P., DÚHA, J., GALAJDA, P., GAMEC, J., LAVRIN, A., LEVICKÝ, D., MARCHEVSKÝ, S., MATEJKA, J., MIKÓCZY, E., PILLAR, S., POČTA, P., PODHRADSKÝ, P., RIDZOŇ, R., WIESER, V.: NGN, Services and Applications, Information Security. - Bratislava: Tonada, 2007. - CD-Rom. - ISBN 978-80-89299-02-7. (in Slovak)

[4]   BRÍDA, P., DÚHA, J., GALAJDA, P., GAMEC, J., KOTULIAK, I., LAVRIN, A., MARCHEVSKÝ, S., MATEJKA, J., MEDVECKÝ, M., MIKÓCZY, E., PILLAR, S., POČTA, P., PODHRADSKÝ, P., TRÚCHLY, P., WIESER, V.: NGN, Switching Systems, Services and Applications. - Bratislava: Tonada, 2007. - CD-Rom. - ISBN 978-80-89299-03-4. (in Slovak)

[5]   BRÍDA, P., DÚHA, J., GALAJDA, P., GAMEC, J., LAVRIN, A., MARCHEVSKÝ, S., MIKÓCZY, E., PILLAR, S., POČTA, P., PODHRADSKÝ, P., WIESER, V.: Services and Applications NGN. - Bratislava: STU, 2007. - 81 p. - ISBN 978-80-227-2611-5. (in Slovak)

[6]   BRÍDA, P., DÚHA, J., GALAJDA, P., GAMEC, J., KOTULIAK, I., LAVRIN, A., MARCHEVSKÝ, S., MEDVECKÝ, M., MIKÓCZY, E., PILLAR, S., POČTA, P., PODHRADSKÝ, P., RÓKA, R., TRÚCHLY, P., WIESER, V.: Technologies in Access Networks, Switching Systems, Services and Applications. - Bratislava: Tonada, 2007. - CD-Rom. - ISBN 978-80-89299-13-3. (in Slovak)

[7]   ČUCHRAN, J., RÓKA, R.: Digital Transmission Systems and Networks. - 1.vyd. - Bratislava: FEI STU, 2007. - 166 p. - ISBN 978-80-227-2634-4. (in Slovak)

[8]   DÚHA, J., GAMEC, J., KOTULIAK, I., LEVICKÝ, D., MARCHEVSKÝ, S., MATEJKA, J., MIKÓCZY, E., PODHRADSKÝ, P., RIDZOŇ, R., RÓKA, R., TRÚCHLY, P., WIESER, V.: Multimedia, NGN and Technologies in Access Networks. - Bratislava: Tonada, 2007. - CD-Rom. - ISBN 978-80-89299-10-2. (in Slovak)

[9]   DÚHA, J., GAMEC, J., KOTULIAK, I., LEVICKÝ, D., MARCHEVSKÝ, S., MATEJKA, J., MIKÓCZY, E., PODHRADSKÝ, P., RIDZOŇ, R., RÓKA, R., TRÚCHLY, P., WIESER, V.: NGN, Technologies in Access Networks and Information Security. - Bratislava: Tonada, 2007. - CD-Rom. - ISBN 978-80-89299-06-5. (in Slovak)

[10] DÚHA, J., GAMEC, J., KOTULIAK, I., MATEJKA, J., MEDVECKÝ, M., MIKÓCZY, E., PODHRADSKÝ, P., RÓKA, R., TRÚCHLY, P., WIESER, V.: NGN, Technologies in Access Networks and Switching Systems. - Bratislava: Tonada, 2007. - CD-Rom. - ISBN 978-80-89299-04-1. (in Slovak)

[11] DÚHA, J., GAMEC, J., KOTULIAK, I., MARCHEVSKÝ, S., MIKÓCZY, E., PODHRADSKÝ, P., RÓKA, R., TRÚCHLY, P., WIESER, V.: NGN, Technologies in Access Networks and Transport Network Technologies. - Bratislava: Tonada, 2007. - CD-Rom. - ISBN 978-80-89299-07-2. (in Slovak)