



ACIT`2010 SCHEDULE



THURSDAY, June 17, 2010

ICT - COMMUNICATION NETWORKS

CHAIRS:

John Bellardo (California State Polytechnic University, San Luis Obispo, USA)

Alexey Lagunov (Pomor State University, Archangelsk, Russia)

THURSDAY, June 17, 2010 SMALL HALL

Time	Paper #	Paper Title	Authors
09:00	691-026	A Novel Flow based Approach in Routing Decision Mechanism	M. Kalendar, A. Tentov, D. Jakimovska, and G. Dokoski (University "Ss Cyril and Methodius", Skopje, Republic of Macedonia)
09:20	691-041	HIDRA: Hierarchical Inter-Domain Routing Architecture	B. Clevenger, D. Nelson, and J.M. Bellardo (California Polytechnic State University, San Luis Obispo, CA, USA)
09:40	691-065	Multi-Gigabit Challenges: Similarities between Scientific Environments and Media Production	E. Siemens, R. Einhorn, A. Aust, and L. Fuerst (TIXEL GmbH, Hannover, Germany)
10:00	691-079	Optical Spectrum CDMA: Simulation Analysis for Zero Cross Correlation Code	E.I. Babekir ¹ and N.M. Saad ² (¹ Electrical & Electronics Department, Al-grif Shrg Technical College, Khartoum, Sudan; ² Electrical & Electronics Department, Universiti Teknologi PETRONAS, Malaysia)
10:20	691-015	IEEE 802.16: Analysis of Probability-Time Characteristics	V. Drozdova (Department of Telecommunication Networks Siberian Telecommunications University (SibSUTIS), Novosibirsk, Russia)
10:40	691-047	ORL Scheme for WiMAX and LTE System with Convolutionally Coded Spatial Multiplexing	W. Yin ¹ , P. Xiao ² , C. Cowan ² (UK), S. Liu ³ , and Q. Huang ³ (¹ School of EECE, University of Newcastle; ² Institute of ECIT, Queen's University Belfast, Belfast, UK; ³ School of Electronic Science&Technology National University of Defence Technology, China)
11:00 - 11:20		COFFEE BREAK	
11:20	691-077	Usage of the Statistical Theory for Increasing Rate of Operation of Standard 802.11n Network Indoors	A. Lagunov and O. Eshevsky (Pomor State University, Archangelsk, Russia)
11:40	691-005	Modelling and Simulation Approach for the Performance Evaluation of a Wireless Sensor Network	M. LaManna (SELEX Sistemi Integrati, Roma, Italy)

CDA - EVENTOLOGICAL APPROACHES IN PROBABILITY THEORY AND ITS APPLICATIONS (SPECIAL)

CHAIRS:

Oleg Yu. Vorobyev (Institute of Mathematics Siberian Federal University, Krasnoyarsk State Trade-Economics Institute, Krasnoyarsk, Russia)

Arcady A. Novosyolov (Institute of Mathematics Siberian Federal University, Krasnoyarsk State Trade-Economics Institute, Krasnoyarsk, Russia)

THURSDAY, June 17, 2010 Room # 223

Time	Paper #	Paper Title	Authors
09:00	692-080	On Axiomatization of Eventology	O.Yu. Vorobyev (Institute of Mathematics, Siberian Federal University; Krasnoyarsk State Trade Economics Institute, Krasnoyarsk, Russia)
09:20	692-081	Valuation of Collateralized Debt Obligations	D.S. Slepov (Krasnoyarsk State Trade Economics Institute; Institute of Economics, Management and Environmental Studies, Siberian Federal University, Krasnoyarsk, Russia)
09:40	692-082	Eventological Models for Valuation Problem of Risk Bankruptcy of Business Enterprise	M. Sherykalova (Institute of Mathematics, Siberian Federal University, Krasnoyarsk, Russia)
10:00	692-083	About Distributions of Bipartite Random Vectors	D.V. Semenova (Institute of Mathematics, Siberian Federal University, Krasnoyarsk, Russia)
10:20	692-084	Modeling Coherent Preference Relations in Decision-Making under Risk	A.A. Novosyolov (Krasnoyarsk State Trade Economics Institute; Institute of Mathematics, Siberian Federal University, Krasnoyarsk, Russia)
10:40	692-085	Applications of Wide Dependence Theory in Eventological Scoring	E.E. Goldenok ^{1,2} , N.A. Lukyanova ^{2,1} , and D.V. Semenova ³ (¹ Krasnoyarsk State Trade Economics Institute; ² Siberian Federal University; ³ Institute of Mathematics Siberian Federal University, Krasnoyarsk, Russia)
11:00 - 11:20		COFFEE BREAK	
11:20	692-086	Multivariate Extensions of Probability Theory's Limit Theorems: An Eventological View	O.Yu. Vorobyev ^{1,2} and L.S. Golovkov ² (¹ Institute of Mathematics, Siberian Federal University; ² Krasnoyarsk State Trade Economics Institute, Krasnoyarsk, Russia)
11:40	692-087	Eventological Models of Market Pricing for Different Structures Dependencies of Supply and Demand Events	E.E. Goldenok (Krasnoyarsk State Trade Economics Institute; Siberian Federal University, Institute of Mathematics, Krasnoyarsk, Russia)
12:00	692-088	Complexity and Elasticity of the Computation	V.V. Bykova (Institute of Mathematics, Siberian Federal University, Krasnoyarsk, Russia)
12:20	692-089	Eventological Approach to Factor Analysis of Complex Systems	I. Baranova (Siberian Federal University, Krasnoyarsk, Russia)

OIT - OPTICAL INFORMATION TECHNOLOGY (CONTINUED)

CHAIR:

Victor P. Korolkov (Institute of Automation and Electrometry SB of RAS, Novosibirsk, Russia)

THURSDAY, June 17, 2010 Room # 220

Time	Paper #	Paper Title	Authors
09:00	693-002	System of High-Resolution Machine Vision with Stacked Photodiodes Structure of Photosensitive Sensor	V. Bessmeltsev and N. Goloshevsky (Institute of Automation and Electrometry SB of RAS, Novosibirsk, Russia)
09:20	693-011	Optical Monitoring of Crystal Diameter during Czochralski Growth	S.V. Mikhlyaev (Institute of Automation and Electrometry SB of RAS, Novosibirsk, Russia)
09:40	693-005	Spectrophotometric Certification of Calibration Gratings	V.P. Korolkov ¹ , A.S. Konchenko ² , and R.K. Nasyrov ¹ (¹ Institute of Automation and Electrometry SB of RAS; ² Novosibirsk State University; Novosibirsk, Russia)
10:00	693-004	Simulation of the Multilayer Volume Holographic Gratings	M.Yu. Rodionov and E.F. Pen (Institute of Automation and Electrometry SB of RAS, Novosibirsk, Russia)
10:20	693-009	Metrological Parameters Enhancement for Polar Coordinates Laser Pattern Generator	A.V. Kiryanov (Technological Design Institute of Scientific Instrument Engineering SB of RAS, Novosibirsk, Russia)
10:40	693-012	Phase-Statistical Method in High-Precision Angle Measuring Technologies: Special Features of Use	V.P. Kiryanov (Technological Design Institute of Scientific Instrument Engineering SB of RAS, Novosibirsk, Russia)
11:00 - 11:20		COFFEE BREAK	

SOCIAL PROGRAM

THURSDAY, June 17, 2010 House of Scientists

18:30-22:30 Banquet

THURSDAY, June 17, 2010 - FRIDAY, June 18, 2010

Excursions