

ISAT 2009
SZKLARSKA PORĘBA, POLAND
20 – 22 September 2009
CONFERENCE SCHEDULE AND PROGRAM

Ver. 3

SUNDAY – 20 SEPTEMBER 2009			
14:00 - 17:30	Registration		
18:00 - 18:15	Opening of the Conference - Room A		
18:15 - 19:30	Plenary Session: prof. W. Kasprzak - Room A		
20:00 - 21:00	Supper		
MONDAY – 21 SEPTEMBER 2009			
7:45 – 8:45	Breakfast		
8:00 – 8:50	Registration		
9:05 – 10:50		PART I	Chairs: Z. Wilimowska, L. Borzemski, A. Grzech
Room A Session A1		Room B Session B1	Room C Session C1
9:05 – 9:20	Scott Fortmann-Roe, Ryszarda Iwanejko, Włodzimierz Wójcik A PROPOSAL FOR A DYNAMIC RISK ASSESSMENT METHOD	Leszek Borzemski, Łukasz Cichocki, Marta Kliber A DISTRIBUTED SYSTEM TO MEASURE THE INTERNET PERFORMANCE BASED ON AGENT ARCHITECTURE	Jozef Vrana, Kristina Machova VISUALIZATION OF ONTOLOGIES USING CONTEXT
9:20 – 9:35	Piotr Nowak, Maciej Romaniuk PORTFOLIO OF FINANCIAL AND INSURANCE INSTRUMENTS FOR LOSSES CAUSED BY NATURAL CATASTROPHES	Leszek Borzemski, Ziemowit Nowak EMPIRICAL WEB PERFORMANCE EVALUATION WITH USING A MWING SYSTEM	Rafał Kern, Marcin Pietranik ONTOLOGY BASED MODEL OF INFORMATION FLOW PATH IN ON-LINE SOCIAL NETWORK
9:35 – 9:50	Dorota Kuchta, Ewa Ptaszyńska RISK REGISTER AS A TOOL OF MANAGING RISK IN EUROPEAN PROJECTS	Leszek Borzemski, Mariusz Fraś ANALYSIS OF INTERNET STRUCTURE BASED ON AUTONOMOUS SYSTEMS MEASUREMENTS	Adam Czarnecki, Cezary Orłowski HYBRID APPROACH TO ONTOLOGY SPECIFICATION AND DEVELOPMENT
9:50 – 10:05	Łukasz. Radliński, Norman Fenton CAUSAL RISK FRAMEWORK FOR SOFTWARE PROJECTS	Leszek Borzemski, Marek Rodkiewicz, Gabriel Starczewski AS-PATH INFLUENCE ON GOODPUT PREDICTION	Jacek Chmielewski ONTOLOGY ENABLED METADATA FOR INTERACTIVE 3D OBJECTS
10:05 – 10:20	Bogdan Rębiasz, Bartłomiej Gaweł CREDIBILITY DISTRIBUTION AS A BASIS FOR ESTIMATION OF EFFECTIVENESS AND RISK OF INVESTMENT PROJECT	Grzegorz Marszałek, Anna Zatwarnicka, Leszek Borzemski, Krzysztof Zatwarnicki AN APPLICATION FOR MONITORING OF HOSTS IN LOCAL OR GLOBAL NETWORK BASED ON CRISTIAN'S ALGORITHM	Witold Wysota SEMANTIC MODEL OF APPLICATION USER INTERFACES
10:20 – 10:35	Piotr Czapiewski STOCHASTIC OPTIMISATION IN RULE INDUCTION FOR TRADING DECISIONS SUPPORT	Grzegorz Kotowski, Dariusz Gąsior APPLICATION OF NON-PROBABILISTIC DESCRIPTIONS OF UNCERTAINTY FOR EVALUATION OF APPROXIMATE PERFORMANCE PARAMETERS IN AUTONOMOUS SYSTEMS	Tomasz Lukaszewicz, Edward Radosinski MASS CUSTOMIZATION IN TELECOMMUNICATION SERVICES - SEGMENTATION ATTRIBUTES SELECTION
10:35 – 10:50	Aleksander Orłowski, Edward Szczerbicki TOWARD FUZZY MODEL OF INTERNET MORTGAGE MARKET: CONCEPTS AND INITIAL ASSUMPTIONS	Krzysztof Zatwarnicki - APPLICATION OF FUZZY-NEURAL MODELS IN HTTP REQUEST DISTRIBUTION IN LOCAL WEB CLUSTERS	Grzegorz Skorupa, Radosław Katarzyniak EXTENDING MODAL LANGUAGE OF AGENTS' COMMUNICATION WITH MODAL IMPLICATIONS
10:50 – 11:20	Coffee Break		
11:20 – 12:50		PART II	Chairs: E. Szczerbicki, K. Choroś, J. Świątek
Room A Session A2		Room B Session B2	Room C Session C2
11:20 – 11:35	Cezary Orłowski, Artur Ziółkowski VERIFICATION OF AGENT SYSTEM FOR IT PROJECT MANAGEMENT SUPPORT	Magdalena Granos, Aleksander Zgrzywa NEW DIRECTIONS IN WEB SEARCH BASED ON LIFE MEANING ASPECTS	Cezary Orłowski, Tomasz Sitek APPLICATION OF ALGORITHMS FOR REASONING FROM IMPERFECT KNOWLEDGE IN IT EVALUATION ENVIRONMENT
11:35 – 11:50	Iwona Dubielewicz, Bogumiła Hnatkowska, Zbigniew Huzar, Lech Tuzinkiewicz EVALUATION OF SOFTWARE QUALITY - MODEL-BASED APPROACH	Julian Szymański. Dawid Kilanowski WIKIPEDIA AND WORDNET INTEGRATION BASED ON WORDS CO-OCCURRENCES	Marek Lubicz, Bernard Richards INTELLIGENT INFORMATION SYSTEMS FOR HEALTH CARE DECISION MAKING
11:50 – 12:05	Anna Wilbik, Janusz Kacprzyk LINGUISTIC SUMMARIES FOR THE COMPARISON OF TIME SERIES: AN APPLICATION TO THE ANALYSIS OF INVESTMENT FUND QUOTATIONS	Tatiana Jaworska MULTI-CRITERIA OBJECT INDEXING AND A GRAPHICAL USER QUERY AS AN ASPECT OF CONTENT-BASED IMAGE RETRIEVAL	Justyna Uziałko-Mydlíkowska, Bożena Mielczarek SIMULATION MODELS AND SOFTWARE TOOLS IN HEALTH CARE PROBLEMS
12:05 – 12.20	Joanna Szczepańska MEASURES OF VALUE ENHANCEMENT	Paweł Forczmański, Sandra Wojcieszak WEB SYSTEM FOR PERCEPTIVE EVALUATION OF CBIR ALGORITHMS	Grzegorz Chodak GENETIC ALGORITHMS IN FORECASTING OF INTERNET SHOPS DEMAND
12:20 – 12:35	Wojciech Sibilski DEGREE OF FINANCIAL LEVERAGE VERSUS ELASTICITY OF FINANCIAL LEVERAGE	Kazimierz Choroś SHOT CONTENT ANALYSIS FOR VIDEO SCENE DETECTION IN VISUAL RETRIEVAL SYSTEMS	Bassam Daya, Shadi Khawandi, Mohamed Akoum A NEURAL NETWORK ARCHITECTURE FOR INVERSE KINEMATICS OF A TWO-JOINT ROBOT
12:35 – 12:50	Beata Siuta, Jacek Rudnicki, KNOWLEDGE MANAGEMENT IN LEAN PRODUCT DEVELOPMENT SYSTEM	Marek Łatuszko PROVIDING EFFICIENT DATA PROCESSING IN OLAP APPLICATIONS	Mariusz Śleziak, Adam Sudot,Viktor Vlasienko DYNAMIC TEXTURAL IMAGES VISUALIZATION AND IDENTIFICATION BASED ON DIGITAL HILBERT OPTICS: APPLICATIONS OF THE CORRELATIVE PARTICLE VELOCIMETRY AND FRAGMENTS
13:00 – 14:00	Lunch		

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14:20 – 15:50	PART III		Chairs: C. Orłowski, P. Zwierzykowski, B. Daya
Room A Session A3		Room B Session B3	Room C Session C3
14:20 – 14:35	Peter Butka DIFFERENT KNOWLEDGE REPRESENTATIONS OF SOFTWARE DEVELOPMENT METHODOLOGIES USED FOR V-MODELL XT	Krzysztof J. Brzostowski, Jarosław Drapała, Paweł Świątek, Jakub M. Tomczak PROCESSING OF KNOWLEDGE REPRESENTED BY AN ONTOLOGY IN SOA/SOKU ARCHITECTURE USING OWL-S AND PROLOG	Al Hussain Akoum, Bassam Daya, Kamel Belkheili, Lionel Prevost, Pierre Chauvet FUSION OF BASIC ALGORITHMS FOR DETECTION AND LOCALIZATION OF VEHICLE PLATE NUMBERS
14:35 – 14:50	Krzysztof Olczyk, Witold Marañda GRAPHICAL USER INTERFACE DEVELOPMENT FOR WINDOWS SCRIPTING	Paweł Cichoń, Kevin May THE EXECUTION OF ADAPTIVE FIXED PRICE INFORMATION TECHNOLOGY PROJECTS USING TELECOMMUTING	Magdalena Barańska FUTURE OF AN OVERTAKE MANEUVER WITH USE OF AN ACTIVE SAFETY SYSTEM
14:50 – 15:05	Bogumila Hnatkowska, Krzysztof Głogocki USER INTERFACE DEVELOPMENT WITH MDD APPROACH	Dariusz Gąsior SIMULATION OF AN ALGORITHM FOR JOINT ADMISSION CONTROL AND RATE ALLOCATION UNDER UNCERTAINTY	Dariusz Frejlichowski GENERAL SHAPE ANALYSIS USING FOURIER DESCRIPTORS
15:05 – 15:20	Ilona Blumke, Joanna Chojecka VISUALIZATION OF C CODE AFTER PARALLELIZATION	Przemysław Kobyłański, Michał Kulej, Jerzy Pieronek EVALUATION OF ROBUSTNESS OF CONNECTIVITY IN THE LARGE UNDIRECTED NETWORKS	Jacek Mazurkiewicz SYSTOLIC ARRAY APPROACH TO IMPLEMENTATION OF DISCRETE HOPFIELD NEURAL NETWORK
15:20 – 15:35	Maciej Pawłowski, Jan Kwiatkowski, Marcin Pawlik PROGRAMMING GRAPHICS PROCESSING UNITS IN THE CUDA ENVIRONMENT	Karol Marchwicki DIFFICULT CHILDHOOD PROBLEM IN PEER-TO-PEER NETWORKS	Piotr Lasek A FASTER METHOD OF BUILDING THE LVA-INDEX
15:35 – 15:50	Bogumila Hnatkowska, Mateusz Kapanowski DSL FOR MICROSOFT WINDOWS SHAREPOINT SERVICES	Jakub Lemiesz PARTIAL COUNTING: ESTIMATION OF AD HOC NETWORK SIZE	Krzysztof Dobosz, Mateusz Lis, Łukasz Pintal, Jerzy Świątek ON-LINE SIGNATURE VERIFICATION
15:50 – 16:20	Coffee break		
16:20 – 17:50	PART IV		Chairs: Z. Banaszak, B. Zieliński, M. Wyrwicka
Room A Session A4		Room B Session B4	Room C Session C4
16:20 – 16:35	Bożena Skołod, Iwona Wośik CLONALLY SELECTION AND MULTI-OBJECTIVE IMMUNE ALGORITHMS FOR OPEN JOB SHOP SCHEDULING PROBLEMS	Michał Czarkowski, Sylwester Kaczmarek SIMULATION MODEL FOR EVALUATION OF QOS DYNAMIC ROUTING	Aleksandra Grzech ALGORITHMS OF THE VARIANT CHOICE IN THE INVESTMENT DECISION-MAKING OF VENTURE CAPITAL FUNDS
16:35 – 16:50	Grzegorz Filcek, Jerzy Józefczyk AN EXACT ALGORITHM FOR MANAGEMENT IN A CLASS OF SUPPLY NETWORKS	Damian Parniewicz, Piotr Zwierzykowski PYTHON IN NUMERICAL COMPUTATIONS	Ewa Pralat ELECTRONIC PROCUREMENT IN PUBLIC ADMINISTRATION
16:50 – 17:05	Maciej Hojda, Jerzy Józefczyk APPLICATION OF UNCERTAIN VARIABLES TO ROUTING-SCHEDULING IN MANUFACTURING SYSTEMS	Waldemar Mikluszka FORMAL VERIFICATION OF REAL-TIME COMMUNICATION SYSTEM WITH PROTOCOL CONVERSION	Leszek Borzemski, Grażyna Suchacka AN APPROACH TO KEY CUSTOMERS AND REVENUE ORIENTED B2C SERVICE
17:05 – 17:20	Jerzy Józefczyk, Marcin Siepak AN EXACT ALGORITHM FOR UNCERTAIN TASK SCHEDULING TO MINIMIZE MAKESPAN	Artur Sierszeń, Łukasz Sturgulewski, Joanna Janicka GNS3 ENVIRONMENT IN THE ASPECT OF TESTING SOFTWARE FOR MANAGEMENT AND MONITORING OF COMPUTER NETWORKS	Jacek Zabawa, Bożena Mielczarek SIMULATION MODELING OF SUPPLY CHAIN MANAGEMENT SYSTEM
17:20 – 17:35	Adam Janiak, Rafał Januszkiewicz PARALLEL PROCESSOR SCHEDULING OF UNIT-TIME JOBS TO MINIMIZE WEIGHTED NUMBER OF EARLY AND TARDY JOBS	Tomasz Bartczak, Maciej Piechowiak, Piotr Zwierzykowski THE EFFICIENCY OF MULTICAST TREES IN PACKET NETWORKS	Magdalena Wyrwicka, Michał Masadyński, Barbara Zasada CHANGES AND TECHNOLOGICAL CULTURE
17:35 – 17:50	Mateusz Gorczyca, Adam Janiak THE OPTIMAL RESOURCE ALLOCATION IN SCHEDULING OF TASKS WITH DYNAMIC MODELS OF RELEASE DATES	Mariusz Głabowski, Maciej Sobieraj RECURRENT METHOD FOR DETERMINING BLOCKING PROBABILITY IN MULTI-SERVICE SWITCHING NETWORKS WITH BBB TRAFFIC AND BANDWIDTH RESERVATION	Rafał Jankowski, Anna Gruszka, Paweł Majdosz DETERMINATION OF BASELINE MATRIX UNDER STRUCTURAL CHANGE ANALYSIS
20:00 – 24:00	Conference Dinner		

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TUESDAY – 22 SEPTEMBER 2009			
8:00 – 9:00	Breakfast		
9:05 – 11:10	PART V		Chairs: J. Sosnowski, G. Kołaczek, K. Juszczyszyn
	Room A Session A5	Room B Session B5	Room C Session C5
9:05 – 9:20	Tomasz Biłski INCONSISTENCY IN QOS FACTORS IMPROVEMENT RATES	Michał Karbowańczyk, Piotr Duszyński, Krzysztof Lichy A SIMPLE, RATE-BASED TRAFFIC CONTROL SOLUTION FOR IPV4 NETWORKS USING LINUX-BASED HOP-BY-HOP CLOSED LOOP AND QUEUEING	Bartosz Kucharski, Edward Szczerbicki SECURITY AND KNOWLEDGE MANAGEMENT
9:20 – 9:35	Janusz Sosnowski, Marcin Król, Jakub Machnicki - TECHNIQUES AND GOALS OF MONITORING COMPUTER SYSTEMS	Bartłomiej Zieliński FURTHER CONSIDERATIONS ON AX.25 PROTOCOL PERFORMANCE	Jarosław Pastuszek, Maciej Stolarek, Cezary Orłowski PRACTICE IMPLEMENTATION OF OPERATIONAL LEVEL AGREEMENT
9:35 – 9:50	Mateusz Smoliński, Marcin Kwapisz, Ewa Lipowska-Nadolska SCHEDULING SYSTEM FOR DISTRIBUTED TRANSACTION PROCESSING	Michał Kowal, Sławomir Kubal, Piotr Piotrowski, Ryszard Zieliński REAL TIME PEOPLE LOCATION AND VOIP SERVICES EFFICIENCY IN UNDERGROUND MINING ENVIRONMENT	Mirosław Dytczak, Grzegorz Ginda A MULTI-ATTRIBUTE CHOICE OF THE BEST METHOD AND TOOL FOR SOFTWARE IMPLEMENTATION MANAGEMENT
9:50 – 10:05	Janusz Sosnowski, Jakub Machnicki, Andrzej Tymoczko, Piotr Gawkowski DYNAMIC TASK MANAGEMENT IN FARM COMPUTING	Krzysztof Juszczyszyn, Grzegorz Kołaczek SUBJECTIVE LOGIC-BASED FRAMEWORK FOR THE EVALUATION OF WEB SERVICES' SECURITY	Adam Janiak, Radosław Rudek, Agnieszka Wielgus SOLUTION ALGORITHMS FOR A FLOWSHOP PROBLEM WITH AN AGING EFFECT
10:05 – 10:20	Katarzyna Michalska, Tomasz Walkowiak SIMULATION APPROACH TO PERFORMANCE ANALYSIS OF INFORMATION SYSTEMS WITH LOAD BALANCER	Cesar De La Torre UNIFIED THREAT MANAGEMENT LOCATION FOR REAL TIME NETWORK PROTECTION	Adam Janiak, Andrzej Kozik, Bartosz Tomeczko COMPLEX OUTLINE PACKING PROBLEM IN VLSI PHYSICAL DESIGN
10:20 – 10:35	Marek Kamiński TOWARDS AUTOMATING REPAIRS OF IT SYSTEMS	Dawid Gawor, Piotr Pawłowski, Grzegorz Kołaczek A CONCEPT OF DISTRIBUTED INTRUSION DETECTION SYSTEM USING AUTONOMOUS AGENTS.	Małgorzata Sumisławska, Leszek Koszałka, Iwona Poźniak-Koszałka PERFORMANCE OF THE PDSBA ALLOCATION ALGORITHM IN MESH NETWORK.
10:35 – 10:50	Katarzyna Jach, Jacek Ławik THE APPLICATION OF GRAPHIC ELEMENTS FOR THE CARD SORTING METHOD.	Jacek Marciniak, Grzegorz Kołaczek THE E-MAIL ANALYZING TOOL FOR PHISHING DETECTION	Aleksander Kniat SURFACE SHAPE REVERSE ENGINEERING WITH NURBS
11:15 – 11:45	Closing of the Conference Room A		
12:00 – 13:00	Lunch		