

# ISAT 2011

SZKLARSKA PORĘBA, POLAND, 18 – 20 September 2011

## CONFERENCE SCHEDULE AND PROGRAM

### SUNDAY – 18 SEPTEMBER 2011

14:00 - 17:30	<b>Registration</b>
17:00 - 17:55	<b>Welcome Reception</b>
18:00 - 18:15	<b>Opening of the Conference - Room A</b>
18:15 - 19:30	<b>Plenary Session I - Room A</b> prof. J. Woźniak <b>A PERFORMANCE ANALYSIS OF MOBILITY PROTOCOLS AND HANDOVER ALGORITHMS FOR IP-BASED NETWORKS</b>
20:00 - 21:00	<b>Supper</b>

### MONDAY – 19 SEPTEMBER 2011

7:30 – 8:30	<b>Breakfast</b>		
8:00 – 11:00	<b>Registration</b>		
8:30 – 11:10	<b>PART I</b>	<b>Chairs: A. Grzech, L. Borzemski, Z. Wilimowska</b>	
	<b>Room A</b> SOA Session I	<b>Room B</b> Session B1	<b>Room C</b> Session C1
8:30 – 8:50	A.Ratkowski, K.Sacha <b>BUSINESS PROCESS DESIGN IN SERVICE ORIENTED ARCHITECTURE</b>	G.Suchacka, L.Borzemski <b>SIMULATION-BASED PERFORMANCE STUDY OF E-COMMERCE WEB SERVER SYSTEM - METHODOLOGY AND METRICS</b>	D.Kuchta, J.Sukpen <b>VALUE-BASED MANAGEMENT (VBM) AND THE PLACE OF RISK IN THIS MANAGEMENT APPROACH</b>
8:50 – 9:10	I.Blumke, W.Kiermasz <b>EXPERIENCE IN SOA BASED INEGGRATION OF SYSTEMS</b>	G.Kotowski, D.Gąsior <b>POPULARITY FACTOR BASED AUTONOMOUS SYSTEMS MONITORING INTENSITY</b>	J.Szczepańska <b>COST OF EQUITY BASED ON CAPM</b>
9:10 – 9:30	S.Kijas, A.Zalewski, K.Sacha, M.Szlenk, A.Ratkowski <b>FORMAL SEMANTICS OF ARCHITECTURAL DECISION MAKING MODELS AS A COMPONENT OF AN INTEGRATED EVOLUTION METHODOLOGY FOR SERVICE-ORIENTED SYSTEMS</b>	W.Sypniewski, Z.Nowak <b>SEARCH ENGINE'S PROTOTYPE WITH "BEST PERFORMANCE HIT" MECHANISM</b>	D.Kuchta, J.Urbańska <b>DECISIONS ON ENERGY COST IN POLISH INDUSTRY</b>
9:30 – 9:50	P.Stelmach, Ł.Falas <b>SERVICE COMPOSER – A FRAMEWORK FOR ELASTIC SERVICE COMPOSITION</b>	K.Choroś, M.Majewski <b>INFORMATION SYSTEM AND SOFTWARE DEVELOPMENT METHODOLOGIES AND METHODS IN SMALL AND MEDIUM IT COMPANIES</b>	M.Kaleta, P.Pałka, T.Traczyk <b>OFFERS MODELLING IN COMPLEX TRADE PROBLEMS</b>
9:50 – 10:10	J.Werewka, G.Rogus <b>A SOLUTION FOR ADAPTATION OF LEGACY ENTERPRISE SOFTWARE FOR PRIVATE CLOUD COMPUTING MODEL</b>	T.Bilski <b>TOWARDS SECURE NETWORK STORAGE</b>	A.Orłowski, E.Szczerbicki <b>THE COMPARISON OF INTERNET MORTGAGE MARKETS IN SELECTED EU COUNTRIES</b>
10:10 – 10:30	S.Strykowski, R.Wojciechowski <b>ONTOLOGY-BASED MODELING FOR AUTOMATION OF ADMINISTRATIVE PROCEDURES</b>	B.Kucharski, E.Szczerbicki <b>ADDING KNOWLEDGE MANAGEMENT PERSPECTIVE TO BUSINESS PROCESS MANAGEMENT</b>	J.Zabawa, B.Mielczarek <b>APPLYING SIMULATION MODELS IN BUDGETING</b>
10:30 – 10:50	A.Czarnecki, C.Orłowski <b>APPLICATION OF ONTOLOGY IN THE ITIL DOMAIN</b>	D.Put <b>STRATEGIES AND SYSTEMS OF INFORMATION RESOURCES INTEGRATION</b>	C.Orłowski, T.Sitek <b>DEVELOPING PROGNOSTIC MODELS OF ORGANIZATION EVOLUTION</b>
10:50 – 11:10	A.Wójtowicz, J.Flotyński, D.Rumiński, K.Walczak <b>SECURING LEARNING SERVICES ACCESSIBLE WITH ADAPTABLE USER INTERFACES</b>	D.Banasiak, J.Mierzwa, A.Sterna <b>EXTRACTION OF ELEMENTARY FACTS FROM NATURAL LANGUAGE TEXTS</b>	A.Kiwała <b>REDUCTION OF PAYMENT GRIDLOCKS BY SMALL ENTERPRISES</b>
11:10 – 11:30	<b>Coffee Break</b>		
11:30 - 12:45	<b>Plenary Session II - Room A</b> prof. G. Engels <b>SERVICE ORIENTED ARCHITECTURE - EXPERIENCES, IDEAS, INNOVATIONS</b>		
13:00 – 14:00	<b>Lunch</b>		

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14:10 – 16:10	PART II		Chairs: K. Sacha, K. Choroś, J. Świątek
Room A SOA Session II	Room B Session B2	Room C Session C2	
14:10 – 14:30	M.Zięba ENSEMBLE METHODS FOR CUSTOMER CLASSIFICATION IN SERVICE ORIENTED SYSTEMS	M.Kubacki, J.Sosnowski ANALYSING EVENT LOG PROFILES IN LINUX SYSTEMS	A.Kłtyk, Z.Wilimowska MINIMAL SPANNING TREE OF THE FOREIGN EXCHANGE MARKET (FOREX)
14:30 – 14:50	B.Hnatkowska, B.Nowakowski WINDOWS AZURE CLOUD COMPUTING VERSUS CLASSICAL SOLUTIONS – COST COMPARISON	K.Król CONSTRUCTING AN IT SYSTEM FOR PROVIDING TAILORED AND EFFECTIVE INTERNET ADVERTISEMENTS	P.Forczmański EXPERT SYSTEM FOR VISUAL ADVERTISING DESIGN
14:50 – 15:10	P.Czapiewski STRATEGY FOR A ROBUST AGGREGATION AGENT IN A MULTI-AGENT AUTOMATED TRADING ENVIRONMENT	C.Orłowski, Ł.Szczygielski, P.Madej CREATING MODERN EDUCATIONAL SYSTEM BASED ON IT COMPETENCE CENTERS	K.Świder, B.Jędrzejec AN INTEGRATED ENVIRONMENT FOR MANAGING AND MINING STRUCTURED DATA
15:10 – 15:30	K.Michalska, T.Walkowiak ANALYTICAL AND EXPERIMENTAL DEPENDABILITY METRICS FOR SERVICE - BASED INFORMATION SYSTEM	T.Jaworska THE CONCEPT OF A MULTI-STEP SEARCH-ENGINE FOR THE CONTENT-BASED IMAGE RETRIEVAL SYSTEM	S.Hanczewski, K.Stachowiak, M.Stasiak, P.Zwierzykowski THE ARCHITECTURE OF A SIMULATION SOFTWARE THAT ENABLES A COMPARISON OF ROUTING ALGORITHMS
15:30 – 15:50	A.Czyszczkoń, A.Zgrzywa AN ARTIFICIAL NEURAL NETWORK APPROACH TO RESTFUL WEB SERVICES IDENTIFICATION	D.Generalov, M.Molasy, O.Shlegel CHECKING OF WHOLENESS CONFIDENTIAL DATA AND AUDIT EVENT IN INFORMATION SYSTEM	A.Lewicki GREEDY STRATEGY FOR HIERARCHICAL CLUSTERING OF DATA SETS BASED ON ANT COLONY ALGORITHM
15:50 – 16:10	A.Dobrowolska, W.Dobrowolski THE USE OF ELECTRONIC QUESTIONNAIRES IN SERVICE QUALITY ASSESSMENT	L.Erochina, M.Molasy, O.Shlegel, O.Vasilthuk INFORMATION SYSTEMS ON ENTERPRISE OF THE SERVICE	K.Juszczyszyn, W.Frys THE CHARACTERIZATION OF CHANGES IN STRUCTURAL PATTERNS OF COMPLEX NETWORKS
16:10 – 16:30 <b>Coffee break</b>			
16:30 – 18:30	PART III		Chairs: K. Juszczyszyn, A. Siemiński, J. Werewka
Room A Session A3	Room B Session B3	Room C Session C3	
16:30 – 16:50	J.Flotyński, W.Picard TRANSPARENT AUTHORIZATION AND ACCESS CONTROL IN EVENT-BASED OSGI ENVIRONMENTS	A.Koszytyła, J.Wąs MULTIAGENT SYSTEM FOR CROWD BEHAVIOR MODELING	D.Kuchta, E.Ptaszyńska THE CONCEPT OF SYSTEM SUPPORTING RISK MANAGEMENT IN EUROPEAN PROJECTS
16:50 – 17:10	G.Górski NOVEL MULTISTAGE AUTHORIZATION PROTOCOL	P.Nowak, M.Romaniuk ON PRICING AND NUMERICAL SIMULATIONS OF SOME CATASTROPHE BOND	P.Soja ENTERPRISE SYSTEM ADOPTION: HOW TO BUILD THE PROJECT TEAM TO ACHIEVE SUCCESS?
17:10 – 17:30	E.Idzikowska ERRORS DETECTION IN S-BOXES OF HASH FUNCTION HAF-256	R.Chmielarz, J.Wąs SYSTEM FOR SIMULATING TORNADO DAMAGES IN FORESTS	W.Maćków, P.Forczmański ACADEMIC TEACHERS EVALUATION SYSTEM BASED ON SECURE VOTING
17:30 – 17:50	S.Kaczmarek, M.Młynarczuk, M.Narloch, M.Sac EVALUATION OF ASON/GMPLS CONNECTION CONTROL SERVERS PERFORMANCE	T.Popławski, P.Szeląg A FRACTAL APPROACH TOWARDS WORK OF A WIND POWER STATION	T.Krużel, J.Werewka APPLICATION OF BPMN FOR PMBOK STANDARD MODELLING TO SCALE PROJECT MANAGEMENT EFFORTS IN IT PROJECT BASED ENTERPRISES
17:50 – 18:10	M.Głąbowski, M.Stasiak INTERNAL BLOCKING PROBABILITY CALCULATION IN SWITCHING NETWORKS WITH ADDITIONAL INTER STAGE LINKS	L.Bogdan, G.Petriczek PROBLEMS OF WASTEWATER NETWORK MODELLING	S.Niepostyn BPMN-XPDL TRANSFORMATION USING THREE DIMENSIONAL DCD MODEL
18:10 – 18:30	M.Głąbowski, M.Sobieraj, M.Stasiak, P.Zwierzykowski MODELING OF RESOURCE MANAGEMENT MECHANISM FOR VIRTUAL NETWORKS	K.Golonka, L.Koszałka BUS ROUTE OPTIMIZATION: EVALUATION OF ALGORITHMS	E.Prałat, P.Holdenmajer COMPARATIVE ANALYSIS OF TRADING SOFTWARE FOR STOCK EXCHANGE INVESTORS
20:00 – 24:00 <b>Conference Dinner</b>			

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### TUESDAY – 20 SEPTEMBER 2011

7:30 – 8:30	<b>Breakfast</b>		
8:30 – 11:10	<b>PART IV</b>		<b>Chairs: A. Parkitna, J. Kwiatkowski, B. Hnatkowska</b>
	<b>Room A</b> Session A4	<b>Room B</b> Session B4	<b>Room C</b> Session C4
8:30 – 8:50	M.Lubicz, K.Pawelczyk ANALYSING PERFORMANCE OF CLASSIFIERS FOR MISSING DATA IN THORACIC SURGERY RISK MODELLING IN STATISTICA DATA MINER ENVIRONMENT	C.Orłowski, Ł.Szczygielski, P.Madej INTERACTIVE INFORMATION AND DECISION SUPPORT SYSTEM FOR URBAN AND INDUSTRIAL AIR QUALITY MANAGEMENT BASED ON MULTI-AGENT SYSTEM	J.Mazurkiewicz MULTILAYER PERCEPTRON REALIZED USING SYSTOLIC ARRAY APPROACH
8:50 – 9:10	A.Końakowska, R.Prasała IDENTITY VERIFICATION BASED ON MOUSE MOVEMENTS	A.Derezinska, P.Ółtarzewski CODE GENERATION OF CONTRACTS USING OCL TOOLS	A.Kozik, B.Tomeczko SOLVING BLOCK PACKING INTO RECTILINEAR OUTLINE PROBLEM BY SIMULATED ANNEALING
9:10 – 9:30	A.Siedlarczyk, K.Brzostowski DEVELOPMENT OF WEARABLE SENSOR-BASED SYSTEM FOR SUPPORT ATHLETES TRAINING	P.Gawkowski, K.Grochowski INSCRIPT - A FAULT INJECTION SCRIPTING LANGUAGE FOR SYSTEM DEPENDABILITY EVALUATION	A.Siemski TSP/ACO PARAMETER OPTIMIZATION
9:30 – 9:50	B.Przybystawski, A.Kasperski SOLVING MINMAX DISCRETE OPTIMIZATION PROBLEMS WITH IMPRECISE COSTS	M.Danielak, G.Kotowski, L.Borzemski COMPARISON OF CISC AND RISC ARCHITECTURES' PERFORMANCE IN WEB-BASED DECISION SUPPORT SYSTEMS	A.Rudek, R.Rudek FLOWSHOP SCHEDULING WITH POSITION DEPENDENT JOB PROCESSING TIMES
9:50 – 10:10	A.Lewicki USING INTELLIGENT DYNAMIC FILTER IN DIGITAL SIGNAL PROCESSING	L.Gulbinovic, E.Garsva, N.Paulauskas, A.Stankevicus COMPUTER SYSTEM SURVIVABILITY EVALUATION BASED ON RISK ANALYSIS	R.Rudek, A.Rudek EXACT AND APPROXIMATION ALGORITHMS FOR A SCHEDULING PROBLEM WITH LEARNING
10:10 – 10:30	P.Zajadlak, M.Lis, J.Świątek DRIVER'S ASSISTANCE SYSTEM BASED ON LICENSE PLATE LO-CALISATION AND DISTANCE ESTIMATION ALGORITHM	Ł.Pobereźnik AUTOMATIC GENERATION AND CONFIGURATION OF TEST ENVIRONMENTS	R.Rudek, A.Rudek COMPUTATIONAL COMPLEXITY OF SCHEDULING PROBLEMS WITH VARYING PROCESSING
10:30 – 10:50	B.Pater, J.Drapała DYNAMIC PATTERN RECOGNITION ALGORITHM FOR PEDESTRIANS TRACKING	M.Smołński FILESYSTEM STRUCTURES INFLUENCE ON SNAPSHOT STORAGE SPACE USAGE	A.Kurpisz, A.Kozik VLSI MODULE PLACEMENT BASED ON RECTANGLE-PACKING BY THE NEURAL NETWORK BASED ALGORITHM
10:50 – 11:10		R.Samborski EVALUATION OF AVAILABLE CONTENT AWARE NETWORKING PROTOTYPES: CCNX AND NETINF	A.Kozik, B.Tomeczko ON AUTOMATIC SP-DISSECTION IN COMPLEX OUTLINE FLOORPLANNING
11:15 – 11:45	Closing of the Conference - Room A		
12:00 – 13:00	<b>Lunch</b>		
13:00 – 18:00	<b>Guided Szrenica and Around Walk</b>		