ISAT 2017

SZKLARSKA PORĘBA, POLAND, 17-19 September 2017

CONFERENCE SCHEDULE AND PROGRAM

The ISAT 2017 conference schedule and program has been organized around four tracks:

- 1. Track 1 TCS_1: Computer Science 1
- 2. Track 2 TCS_2: Computer Science 2
- 3. Track 3 TMS_1: Management Science 1
- 4. Track 4 Special Session : Modeling of Manufacturing Processes

The ISAT 2017 proceedings has been edited in three volumes: AISC 655 (book contains TCS_1 papers), AISC 656 (book contains TCS_2 papers), and AISC 657 (book contains TMS_1 and Special Session papers).

All ISAT 2017 chapters are published on a searchable CD. You have also free access to the ebooks content using following links between September 16th and October 17th, 2017:

AISC 655: http://link.springer.com/book/10.1007/978-3-319-67220-5 AISC 656: http://link.springer.com/book/10.1007/978-3-319-67229-8 AISC 657: http://link.springer.com/book/10.1007/978-3-319-67223-6

		SUNDAY – 17 SEPTEMI	BER 2017		
14:00 – 16:00	Registration & Hotel Accomodation				
16:00 – 17:00	Opening of the Conference & Welcome party (Sandwiches, soft drinks, sweets and appetizers) Room A & Patio				
17:00 – 19:00	DAY 1 Chairs: L. Borzemski, Z. Banaszak, J. Świątek, Z. Wilimowska				
	Room A	Room B	Room C Room F		
	Session TCS_1.1	Session TCS_1.2	Session TCS_2.1	Session TMS_1.1	
	Big Data, Knowledge Discovery and Data Mining	Artificial Intelligence Methods	System Modeling I	Invenstment Decision Process Modeling	
17:00 – 17:20	M.Muchová, J.Paralič, M.Nemčík USING PREDICTIVE DATA MINING MODELS FOR DATA ANALYSIS IN A LOGISTICS COMPANY	D.Kucharski, D.Grochala, M.Kajor, E.Kańtoch A DEEP LEARNING APPROACH FOR VALVE DEFECT RECOGNITION IN HEART ACOUSTIC SIGNAL	D.Raczyński, W.Stanisławski USE OF THE MODIFIED EPSILON DECOMPOSITION FOR THE LTI MODELS REDUCTION	E.Dudek-Dyduch INTELLIGENT ALMM SYSTEM FOR DISCRETE OPTIMIZATION PROBLEMS – THE IDEA OF KNOWLEDGE BASE APPLICATION	
17:20 – 17:40	M.Bach, A.Werner COST-SENSITIVE FEATURE SELECTION FOR CLASS IMBALANCE PROBLEM	K.Łapa POPULATION-BASED ALGORITHM WITH SELECTABLE EVOLUTIONARY OPERATORS FOR NONLINEAR MODELING	T.Sadowski, R.Zdunek MODIFIED HALS ALGORITHM FOR IMAGE COMPLETION AND RECOMMENDATION SYSTEM	A.Bukietyńska, M.Czekała, Z.Wilimowska, M.Wilimowski THE INVERSION TEST OF THE INVESTMENT FUNDS EFFICIENCY MEASURES	
17:40 – 18:00	T.Nguyen, B.Vo, B.Huynh, V.Snasel, L.Nguyen CONSTRAINT-BASED METHOD FOR MINING COLOSSAL PATTERNS IN HIGH DIMENSIONAL DATABASES	J.Jakubik EVALUATION OF GATED RECURRENT NEURAL NETWORKS IN MUSIC CLASSIFICATION TASKS	P.Šarafín, J.Miček, O.Karpiš, J.Molka- Danielsen PROPOSAL OF INPUT SHAPER IN REAL APPLICATIONS	M.Stasiak MODELLING OF CURRENCY EXCHANGE RATES USING A BINARY-WAVE REPRESENTATION	
18:00 – 18:20	L.Nguyen, H.Nguyen, S.Nguyen A DYNAMIC PACKED APPROACH FOR ANALYTIC DATA WAREHOUSE IN AD-HOC QUERIES	G.Dudek, P.Pełka NEURO-FUZZY SYSTEM FOR MEDIUM-TERM ELECTRIC ENERGY DEMAND FORECASTING	A.Derezinska A STRUCTURE-DRIVEN PROCESS OF AUTOMATED REFACTORING TO DESIGN PATTERNS	V.Vagizova, A.Akhmetshina, J.Koczar, K.Terenteva INFRASTRUCTURE INVESTMENTS AS A TOOL FOR IMPLEMENTING THE STRATEGY OF SUSTAINABLE DEVELOPMENT OF REGIONAL ECONOMIC SYSTEMS	
18:20 – 18:40	M.Zalasiński, K.Cpałka A METHOD FOR GENETIC SELECTION OF THE DYNAMIC SIGNATURE GLOBAL FEATURES' SUBSET	R.AI-Jawadi, M.Studniarski, A.Younus AN EVOLUTIONARY OPTIMIZATION METHOD BASED ON SCALARIZATION FOR MULTI- OBJECTIVE PROBLEMS		B.Rębiasz, I.Skalna APPLICATION OF PROBABILITY AND POSSIBILITY THEORY IN INVESTMENT APPRAISAL	
18:40 – 19:00	T.Rauber, G.Rünger TUNING ENERGY EFFORT AND EXECUTION TIME OF APPLICATION SOFTWARE	G.Dudek MULTIVARIATE REGRESSION TREE FOR PATTERN-BASED FORECASTING TIME SERIES WITH MULTIPLE SEASONAL CYCLES	IDENTIFICATION OF OBJECTS BASED ON GENERALIZED	C.De Oliveira, C.Sanín, E.Szczerbicki HAZARD CONTROL IN INDUSTRIAL ENVIRONMENTS: A KNOWLEDGE- VISION-BASED APPROACH	
19:00 – 20:00		Dir	nner		
==:-					

1900 - 1940			MONDAY – 18 SEPTEM				
Second TCS_1.3 Second TCS_1.3 Second TCS_1.4 Seco	7:00 - 8:00	Breakfast Registration					
Room A Room B Room C Rock Session TCS 1.3 Anowledge Discovery and Data bit T. Distributed Systems & Cloud System Modelling of a Modelling of		DAY 2 Chairs: G. Bocewicz, K. Zatwarnicki, A. Najgebauer, A. Burduk					
Monorhogic Discovery and Data Minima		Room A			Room F		
Mainting		_	_	Session TCS_2.2	Special Session		
M. Piccharophes-Wijolic, M. Borys, M. Services DOTTO-12-12-13-13-12-13-13-12-13-12-13-12-13-12-13-12-13-12-13-12-13-12-13-12-13-12-13-13-12-13-13-12-13-12-13-12-13-12-13-12-13-12-13-12-13-12-13-12-13-12-13-13-12-13-13-13-13-13-13-13-13-13-13-13-13-13-			· · · · · · · · · · · · · · · · · · ·	System Modeling II	Modeling of Manufacturing Processes		
### SASKING COONTIVE CONFIGURED FAMINIST THE DISTRICTATION DISSED ON WORKLOAD IN ARTHMETIC TASKS STEUCHTURE OF CONFIGURATION DISTRICTATION DISTRICTATION CONFIGURATION DISTRICTATION CONFIGURATION DISTRICTATION CONFIGURATION DISTRICTATION CONFIGURATION CONFIGURATION DISTRICTATION CONFIGURATION CON				V.Vlasenko, S.Stemplewski, P.Koczur			
D. Palka, M. Zachera, K. Wojok	8:00 - 8:20	MEASURING COGNITIVE WORKLOAD IN ARITHMETIC TASKS BASED ON RESPONSE TIME AND	CONFIGURED? EXAMINING THE STRUCTURE OF CONFIGURATION	IDENTIFICATION BASED ON DIGITAL HILBERT OPTICS METHODS: FUNDAMENTAL	OPTIMIZATION OF PRODUCTION SUPPORT PROCESSES WITH THE USE OF SIMULATION TOOLS L.Manzke, B.Keller, U.Buscher		
POyris, T.T.rziniski, W. Soloviule SEARCE DIARRATION USING DEPRECURRENT CONVOLU- ON MELDEMENTATION OF ENERGY AWARE MPTCP SCHEDULER SEARCE DIARRATION USING DEPRECURRENT CONVOLU- ON MELDEMENTATION OF ENERGY SEARCE REMEDIDINGS SEARCE REMEDIDINGS CAUSEINCATION TREE FOR SPEAKER EMBEDIDINGS CAUSSINICATION TREE FOR CASSINICATION TREE FOR CONTROLLER AND SEARCE SEARCH S	0.00 0.40	D.Pałka, M.Zachara, K.Wójcik ACTIVE PROTOCOL DISCOVERER BASED ON GRAMMATICAL	RISK-BASED DECISION MAKING IN	M.Drakaki, Y.Karnavas, I.Chasiotis, P.Tzionas AN INTELLIGENT MULTI-AGENT SYSTEM FRAMEWORK FOR FAULT DIAGNOSIS OF SOURREL-CAGE	AN ARTIFICIAL BEE COLONY ALGORITHM TO SOLVE THE SINGLE ROW LAYOUT PROBLEM WITH CLEARANCES		
B.4.0 – 9:00 9:00 – 9:00 9:00 – 9:00 9:00 – 9:00 9:00 – 9:00 9:00 – 9:00 9:00 – 9:00 9:00 – 9:00 9:00 – 9:00 9:00 – 9:00 Material District No. 10 miles (Material Trans) (Materi				INDUCTION MOTOR BROKEN BARS	M.Maqbool, W.Cesar, M.Sanin,		
CLASSIFICATION TREE FOR MOBILE MONITORING SYSTEM FOR EXPRENDENT WITH GUALITY FOR ENVIRONMENT PARAMETERS ASSESSMENT METHOD BASED CONTEXT OF A CONTE	8:40 - 9:00	SPEAKER DIARIZATION USING DEEP RECURRENT CONVOLU- TIONAL NEURAL NETWORKS FOR	ON IMPLEMENTATION OF ENERGY-	METHODS OF TRAINING OF NEURAL NETWORKS FOR SHORT TERM LOAD FORECASTING IN	E.SZCZEIDICKI SMART INNOVATION ENGINEERING (SIE): EXPERIENCE BASED PRODUCT INNOVATION SYSTEM FOR INDUSTRY 4.0		
P. Paulka, M. Smalana, V. Novodna INTERACTIVE VISUALIZATION OF A Oriowaki INTERACTIVE VISUALIZATION OF A Oriowaki SUARM BASED SYSTEM FOR QUERY RESULTS SET FROM MANAGEMENT OF CONTAINERIZED MICROSERVICES INFORMATION AND CONCEPT LATTICES USING ON A CHORNO SWARM BASED SYSTEM FOR MANAGENIE TO CONTAINERIZED MICROSERVICES INFORMATION AND COMMUNICATION ENVIRONMENT OF CONTAINERIZED MICROSERVICES INFORMATION AND COMMUNICATION ENVIRONMENT OF TRANSPORT CONTAINERIZED MICROSERVICES IN A CLOUD CONSISTING OF TRANSPORT CONTAINERIZED MICROSERVICES IN A CLOUD CONSISTING OF TRANSPORT CONTAINERIZED MICROSERVICES IN A CLOUD CONSISTING OF TRANSPORT CONTAINERIZED MICROSERVICES IN A CLOUD CONTAINERIZED MICROSERVICES IN A	9:00 – 9:20	CLASSIFICATION TREE FOR MATERIAL DEFECT DETECTION	MOBILE MONITORING SYSTEM	THE EXPERIMENT WITH QUALITY ASSESSMENT METHOD BASED ON STRATEGY DESIGN PATTERN	ERGONOMICS ANALYSIS IN THE CONTEXT OF A DIGITAL FACTORY		
10:00 – 10:00 10:00 – 11:40 Room A Session TCS_1.5 ROOM A Session TCS_1.5 ROOM B ROOM B ROOM C Session TCS_2.3 Session TCS_2.3 Session TCS_2.3 Session TCS_2.3 System Modeling III Special 1. Southacks, A.Dembczak PiDF-IUZY CONTROLLERS WITH DYNAMIC STRUCTURE AND EVOLUTIONARY METHOD FOR THEIR CONSTRUCTION STORES A.Poplawski COMMUNITY DETECTION IN BISSONOMY USING DATA CLUSTERING 10:20 – 10:40 10:20 – 10:40 10:40 – 11:20 10:40 – 11:20 A.Poplawski FREQUENT SCENE CHANGE IN WAVELET VIDEO COMPRESSION M.Mohammadikajii, J.Beyerer, COMPUTATIONAL SERVICES IN SERVICE-ORIENTED SYSTEMS SERVICE-ORIENTED SYSTEMS V.Deyneko, I.Józviak COMMUNITY DETECTION PROBLECTED A. SPECIAL SYSTEMS A. Poplawski M. Mohammadikajii, J. Beyerer, COMPUTATIONAL SERVICES IN SERVICE-ORIENTED SYSTEMS V.Deyneko, I.Józviak COMTENT DELUKRY NETWORK AND EXTERNAL RESOURCES ON TERMAL RESOURCES ON TERMA CHARLES A. K. Poplawski M. Kovalski V.Deyneko, I.Józviak COMTENT DELUKRY NETWORK AND EXTERNAL RESOURCES COMMENDATION — EVIDENCE COMPUTATIONAL SERVICES IN SERVICE-ORIENTED SYSTEMS 11:00 – 11:20 A. K. R. V. Deyneko, I.Józviak COMTENT DELUKRY NETWORK AND EXTERNAL RESOURCES COMPUTER AIDED IN SPECTION PLANING OF MACHINE VISION APPLICATIONS A. K. R. V. Deyneko, I.Józviak COMTENT DELUKRY NETWORK AND EXTERNAL RESOURCES COMPUTER AIDED IN SPECTION PLANING OF MACHINE VISION APPLICATIONS A. K. R. V. Deyneko, I.Józviak COMTENT DELUKRY NETWORK AND EXTERNAL RESOURCES COMPUTER AIDED IN SPECTION PLANING OF MACHINE VISION A. P. L. S. V. Deyneko, I.Józviak COMTENT DELUKRY NETWORK AND EXTERNAL RESOURCES COMPUTER AIDED IN SPECTION PLANING OF MACHINE VISION A. P. L. S. V. Deyneko, I.Józviak COMPUTER AIDED IN SPECTION PLANING OF MACHINE VISION A. P. L. S. V. Deyneko, I.Józviak COMPUTER AIDED IN SPECTION PLANING OF MACHINE VISION A. R. V. Deyneko, I.Józviak COMPUTER AIDED IN SPECTION PLANING OF MACHINE COMPUTER AIDED IN SPECTION PLANING OF MACHINE COMPUTER AIDED IN SPECTION PLANING OF MACHINE COMPUTER AIDED IN SPECTION POPROBLEM A. K. K. V. V. Deyn	9:20 – 9:40	INTERACTIVE VISUALIZATION OF QUERY RESULTS SET FROM INFORMATION RETRIEVAL USING	A.Orłowski SWARM BASED SYSTEM FOR MANAGEMENT OF CONTAINERIZED MICROSERVICES IN A CLOUD CONSISTING OF	V.Lakhno, O.Petrov, A.Petrov DEVELOPMENT OF A SUPPORT SYSTEM FOR MANAGING THE CYBER SECURITY OF INFORMATION AND COMMUNICATION ENVIRONMENT	PLANNING AND ASSESSMENT OF MANUFACTURING PROCESSES FLOW VARIANTS BASED ON A SIMULATION EXPERIMENT		
Room A Room B Room C Session TCS_1.5 Session TCS_1.6 Session TCS_2.3 Special continum to the property of the pro	9:40 - 10:00		Coffee	Break			
Session TCS_1.5	10:00 – 11:40						
New York					Room F Special Session -		
10:00 - 10:20 10:20 - 10:20 10:20 - 10:20 10:20 - 10:20 10:20 - 10:2		Session TCS_1.5	Session TCS_1.6	Session TCS_2.3	continuation		
R.Lapa, K.Cpalka PiDr-FuzzY CONTROLLERS WITH DYNAMIC STRUCTURE AND EVOLUTIONARY METHOD FOR THEIR CONSTRUCTION STORES SIMILARITY FOR MULTIPLE ONLINE STORES SIMILARITY FOR MULTIPLE ONLINE SESSIONS SUPPORT SYSTEM TECHNOLOGIES ASSIGNING COMMUNITY DETECTION IN BIBSONOMY USING DATA CLUSTERING SERVICE-ORIGINAL SERVICES IN SERVICE-ORIGINAL SERVICE-ORIGINAL SERVICE SINDER SERVICE-ORIGINAL SERVICES IN SERVICE-ORIGINAL SERVICES IN SERVICE-ORIGINAL SERVICE SINDER SERVICE-ORIGINAL SERVICE-ORIGINAL SERVICE SINDER SERVICE-ORIGINAL SERVICE-ORIGI		HPC, SOA & CDN	Web Traffic & Video Design	System Modeling III	Modeling of Manufacturing Processes		
Z.Saoud, J.Platoš COMMUNITY DETECTION IN BIBSONOMY USING DATA CLUSTERING P.Kwaśnicka, Ł.Falas, K.Juszczyszyn EXECUTION MANAGEMENT OF COMPUTATIONAL SERVICES IN SERVICE-ORIENTED SYSTEMS V.Deyneko, I.Jóźwiak COMTENT DELIVERY NETWORK AND EXTERNAL RESOURCES DETECTION FOR SELECTED HOSTS P.Akrzywaniak, P.Czarnul PARALLELIZATION OF SELECTED HOSTS 11:20 – 11:40 A Krzywaniak, P.Czarnul PARALLELIZATION OF SELECTED HOSTS 11:20 – 11:40 11:40 – 12:30 12:30 – 19:00 Z.Saoud, J.Platoš COMMUNTY DETECTION IN BIBSONOMY USING DATA WAVELET VIDEO COMPRESSION WAVELET VIDEO COMPRESSION PROCESSING PERFORMANCE USING PHASE-TYPE DISTRIBUTIONS BASED ON ESPERIMENTAL HISTOGRAMS ON LINGUISTIC PR SMIULATED ANNE ON LINGUISTIC PR MANAGEMENT SO DISTRIBUTIONS BASED ON ESPERIMENTAL HISTOGRAMS ON LINGUISTIC PR COMPUTER AIDED INSPECTION PHASE WITHOUT THE BALL USING THREE DIMENSIONAL DATA M.Swublewska-Paszkowska MOTION REPEATABILITY OF TENNIS FOREHAND PREPARATION PHASE WITHOUT THE BALL USING THREE DIMENSIONAL DATA MOTION REPEATABILITY OF TENNIS FOREHAND PREPARATION PHASE WITHOUT THE BALL USING THREE DIMENSIONAL DATA MOTION REPEATABILITY OF TENNIS FOREHAND PREPARATION PHASE WITHOUT THE BALL USING THREE DIMENSIONAL DATA MOTION REPEATABILITY OF TENNIS FOREHAND PREPARATION PHASE WITHOUT THE BALL USING THREE DIMENSIONAL DATA MOTION REPEATABILITY OF TENNIS FOREHAND PREPARATION PHASE WITHOUT THE BALL USING THREE DIMENSIONAL DATA MOTION REPEATABILITY OF TENNIS FOREHAND PREPARATION ON LINGUISTES FOR TOWNING PHASE-TYPE DISTRIBUTIONS BASED ON ESPERIMENTAL HISTOGRAMS MOTION REPEATABILITY OF TENNIS FOREHAND PRACH PROPERTIES FOR TENNIS FOREHAND PREPARATION ON LINGUISTES FOR TOWNING PHASE-TYPE DISTRIBUTIONS BASED ON ESPERIMENTAL HISTOGRAMS MOTION REPEATABILITY OF TENNIS FOREHAND PREPARATION ON LINGUISTES FOR TOWNING PHASE-TURBLE TOWNING PHASE-TURBLE TOWNING PHASE-TURBLE TOWNING PHASE-TURBLE TOWNING PHASE-TURBLE TOWNING PROPERTIES FOR TOWNING PHASE-TURBLE TOWNING PROPERTIES FOR TOWNING PHASE-TURBLE TOWNING PHASE-TURBLE TOWNING PROPERTIES FOR TOWNING P	40-00 40-00	PID-FUZZY CONTROLLERS WITH DYNAMIC STRUCTURE AND EVOLUTIONARY METHOD FOR	VERIFICATION OF WEB TRAFFIC BURSTINESS AND SELF- SIMILARITY FOR MULTIPLE ONLINE	M.Matusiak, A.Romanowski, L.Babout BRAINSTORMING SESSIONS – TOWARDS IMPROVING EFFECTIVENESS AND ASSESSMENT OF IDEAS	J.Gąbka, G.Filcek		
10:20 – 10:40 10:20 – 10:40 10:20 – 10:40 10:20 – 10:40 10:20 – 10:40 10:20 – 10:40 10:20 – 10:40 10:20 – 10:40 10:20 – 10:40 10:20 – 10:40 10:40 – 11:20 10:40					B.Szeląg, J.Studziński, J.Gawdzik SLUDGE VOLUME INDEX (SVI)		
P.Kwaśnicka, Ł.Falas, K.Juszczyszyn EXECUTION MANAGEMENT OF COMPUTATIONAL SERVICES IN SERVICE-ORIENTED SYSTEMS 10:40 – 11:00 10:40 – 11:00 P.Kwaśnicka, Ł.Falas, K.Juszczyszyn EXECUTION MANAGEMENT OF COMPUTATIONAL SERVICES IN SERVICE-ORIENTED SYSTEMS V.Deyneko, I.Jóżwiak COMPUTER AIDED INSPECTION PLANNING OF MACHINE VISION APPLICATIONS 11:00 – 11:20 11:00 – 11:20 A.Krzywaniak, P.Czarnul PARALLELIZATION OF SELECTED ALGORITHMS ON MULTI-CORE PARALLELIZATION OF SELECTED ALGORITHMS ON MULTI-CORE PARALLELIZATION OF SELECTED ALGORITHMS ON MULTI-CORE PORCASTING POPULATION AGEING ON REGIONAL LEVEL POPULATION AGEING ON REGIONAL LEVEL NOMINATIVE ALGORITHMIC ALGORITHMIC ALGORITHMIC ALGORITHMIC ALGORITHMIC ALGORITHMIC COMPUTER SIMULATION APPROACH TO FORECASTING POPULATION AGEING ON REGIONAL LEVEL POWER ALGORITHMIC ALGORITHMIC ALGORITHMIC ALGORITHMIC ALGORITHMIC COMPUTER SIMULATION APPROACH TO FORECASTING POPULATION AGEING ON REGIONAL LEVEL POWER AND IN A HYBRID CPU+XEON PHI ENVIRONMENT 11:40 – 12:30 Lunch PARALLELIZATION OF SELECTED ALGORITHMIC ALGOR		COMMUNITY DETECTION IN BIBSONOMY USING DATA	FREQUENT SCENE CHANGE IN	ANALYSIS OF IMS/NGN CALL PROCESSING PERFORMANCE USING PHASE-TYPE	MODELLING: DATA MINING		
EXECUTION MANAGEMENT OF COMPUTATIONAL SERVICES IN SERVICE-ORIENTED SYSTEMS 10:40 – 11:00 10:40 – 11:00 10:40 – 11:00 10:40 – 11:00 EXECUTION MANAGEMENT OF COMPUTATIONAL SERVICES IN SERVICE-ORIENTED SYSTEMS SERVICE-ORIENTED SYSTEMS V. Deyneko, I. Jóźwiak COMPUTER AIDED INSPECTION PLANNING OF MACHINE VISION APPLICATIONS V. Deyneko, I. Jóźwiak CONTENT DELIVERY NETWORK AND EXTERNAL RESOURCES DETECTION FOR SELECTED HOSTS A. Krzywaniak, P. Czarnul PARALLELIZATION OF SELECTED ALGORITHMS ON MULTI-CORE CPUS, A CLUSTER AND IN A HYBRID CPU+XEON PHI ENVIRONMENT 11:20 – 11:40 11:40 – 12:30 EXECUTION MANAGEMENT OF C. Dachsbacher C. Dachsbacher C. Coachsbacher C. Coachsbacher C. Coachsbacher A VERSATILE HARDWARE AND EXTERNAL RESOURCES DETECTION PLANNING OF MACHINE VISION APPLICATIONS M. Kowalski QUALITY OF INVESTMENT RECOMMENDATION – EVIDENCE FORM POLISH CAPTAL MARKET, INCOME APPROACH DACH DACH DACH TO FORM POLISH CAPTAL MARKET, INCOME APPROACH TO FORECASTING POPULATION AGEING ON REGIONAL LEVEL AGEBRA IN MIZAR 11:20 – 11:40 11:40 – 12:30 Lunch EXECUTION MANAGEMENT OF C. Dachsbacher C. Coachsbacher C. Coachsbacher C. Conference Party M. Motion REPEATABILITY OF TENNIS FOREHAND PREPARATION TENNIS FOREHAND PREPARATION THAN EXCIPING TENNIS FOREHAND PREPARATION TENNIS FOREHAND PREPARATION THAN EXCIPING TENNIS FOREHAND PREPARATION THAN EXCIPING THAN EXCIPING THAN EXCIPING THAN EXCIPING TO THAN EXCIPING THAN EX		D.Kuraániako k Falan K kuntaturatura	Changing II Warn C Daraman	EXPERIMENTAL HISTOGRAMS	SIMULATED ANNEALING BASED ON LINGUISTIC PATTERNS: EXPERIMENTAL EXAMINATION OF		
APPLICATIONS V. Deyneko, I. Jóźwiak CONTENT DELIVERY NETWORK AND EXTERNAL RESOURCES DETECTION FOR SELECTED HOSTS A. Krzywaniak, P. Czarnul PARALLELIZATION OF SELECTED ALGORITHMS ON MULTI-CORE CPUS, A CLUSTER AND IN A HYBRID CPU+XEON PHI ENVIRONMENT 11:40 – 12:30 12:30 – 19:00 APPLICATIONS M. Kowalski QUALITY OF INVESTMENT RECOMMENDATION – EVIDENCE FORM POLISH CAPTAL MARKET, INCOME APPROACH RECOMMENDATION – EVIDENCE FORM POLISH CAPTAL MARKET, INCOME APPROACH RECOMMENDATION – EVIDENCE FORM POLISH CAPTAL MARKET, INCOME APPROACH RECOMMENDATION – EVIDENCE FORM POLISH CAPTAL MARKET, INCOME APPROACH RECOMMENDATION – EVIDENCE FORM POLISH CAPTAL MARKET, INCOME APPROACH S. Klos, D. Stadnicka AN ANALYSIS OF MACHINE MAINTE EFFECTIVENESS MANUFACTURING COMPUTER SIMULATION OF THE NOMINATIVE ALGORITHMIC ALGEBRA IN MIZAR 11:40 – 12:30 11:40 – 12:30 Conference Party		EXECUTION MANAGEMENT OF COMPUTATIONAL SERVICES IN	M.Mohammadikajii, J.Beyerer, C.Dachsbacher A VERSATILE HARDWARE AND SOFTWARE TOOLSET FOR COMPUTER AIDED INSPECTION	MOTION REPEATABILITY OF TENNIS FOREHAND PREPARATION PHASE WITHOUT THE BALL USING	PROPERTIES FOR VARIOUS TYPE: OF LOGISTIC PROBLEMS J.Patalas-Maliszewska, S.Kłos KNOWLEDGE SHARING USING		
V.Deyneko, I.Joźwiak CONTENT DELIVERY NETWORK AND EXTERNAL RESOURCES DETECTION FOR SELECTED HOSTS A.Krzywaniak, P.Czarnul PARALLELIZATION OF SELECTED ALGORITHMS ON MULTI-CORE CPUS, A CLUSTER AND IN A HYBRID CPU+XEON PHI ENVIRONMENT 11:40 – 12:30 12:30 – 19:00 M.Kowalski M.Kowalski M.Kowalski M.Kowalski M.Kowalski M.Kowalski QUALITY OF INVESTMENT RECOMMENDATION – EVIDENCE FORM POLISH CAPTAL MARKET, INCOME APPROACH RECOMMENDATION – EVIDENCE FORM POLISH CAPTAL MARKET, INCOME APPROACH RECOMMENDATION – EVIDENCE FORM POLISH CAPTAL MARKET, INCOME APPROACH J.Zabawa, B.Mielczarek, M.Hajłasz SIMULATION APPROACH TO FORECASTING POPULATION AGEING ON REGIONAL LEVEL A.Kornilowicz, A.Kryvolap, M.Nikitchenko, I.Ivanov FORMALIZATION OF THE NOMINATIVE ALGORITHMIC ALGEBRA IN MIZAR DISCUSSION TO Lunch 11:40 – 12:30 Conference Party			PLANNING OF MACHINE VISION APPLICATIONS		CUSTOMER RELATIONSHIP MANAGEMENT SYSTEMS (CRM) IN NPD PROCESSES - RESEARCH		
A.Krzywaniak, P.Czarnul PARALLELIZATION OF SELECTED ALGORITHMS ON MULTI-CORE CPUS, A CLUSTER AND IN A HYBRID CPU+XEON PHI ENVIRONMENT 11:40 – 12:30 12:30 – 19:00 A.Krzywaniak, P.Czarnul PARALLELIZATION OF SELECTED ALGORITHMS ON MULTI-CORE CPUS, A CLUSTER AND IN A HYBRID CPU+XEON PHI ENVIRONMENT J.Zabawa, B.Mielczarek, M.Hajłasz SIMULATION APPROACH TO FORECASTING POPULATION FORMALIZATION OF THE NOMINATIVE ALGORITHMIC ALGEBRA IN MIZAR DISCUSSION TA Lunch Conference Party	11:00 – 11:20	CONTENT DELIVERY NETWORK AND EXTERNAL RESOURCES DETECTION FOR SELECTED	QUALITY OF INVESTMENT RECOMMENDATION – EVIDENCE FORM POLISH CAPTAL MARKET,	TOWARDS STANDARDIZED MIZAR	RESULTS FROM POLISH AND GERMAN MANUFACTURING COMPANIES		
11:40 – 12:30 Lunch 12:30 – 19:00 Outdoor Event 20:00 – Conference Party	11:20 – 11:40	A.Krzywaniak, P.Czarnul PARALLELIZATION OF SELECTED ALGORITHMS ON MULTI-CORE CPUS, A CLUSTER AND IN A HYBRID CPU+XEON PHI	J.Zabawa, B.Mielczarek, M.Hajłasz SIMULATION APPROACH TO FORECASTING POPULATION	M.Nikitchenko, I.Ivanov FORMALIZATION OF THE NOMINATIVE ALGORITHMIC	AN ANALYSIS OF THE IMPACT OF MACHINE MAINTENANCE ON THE EFFECTIVENESS OF A MANUFACTURING SYSTEM USING COMPUTER SIMULATION DISCUSSION TAKEAWAYS		
20:00 – Conference Party	11:40 – 12:30		Lu	nch	2.30000001 TAKEAWATO		
20:00 – Conference Party	12:30 – 19:00						
		TUESDAY – 19 SEPTEMBER 2017					
	7:00 - 8:20	Breakfast					
8:00 – 9:00 Registration							

8:20 - 9:40	DAY 3	Chairs: G Sucl	nacka, M. Czekała H. Wörn, J. V	Verewka
0.20 - 3.40	Room A	Room B	Room C	Room F
	Session TCS_1.7	Session TMS_1.2	Session TCS_2.4	Session TMS_1.3
	HCI & Web Performance	Management of Innovation I	SOA & Cloud Computing I	Management of Organization I
8:20 – 8:40	K.Jach, B.Bajcar, A.Borkowska THE ADAPTATION OF THE DEVICE ASSESSMENT QUESTIONNAIRE ISO 9241-9 IN THE POLISH SAMPLES	A.Szpara ON APPLICATION OF RECURSIVE PREFERENCES IN OPTIMAL GROWTH MODEL	M.Chmielewski, M.Kukiełka, D.Frąszczak, D.Bugajewski MILITARY AND CRISIS MANAGEMENT DECISION SUPPORT TOOLS FOR SITUATION AWARENESS DEVELOPMENT USING SENSOR DATA FUSION.	M.Szmit, A.Szmit, M.Dąbkowska, D.Lisiak-Felicka AN ANALYSIS OF SELECTED CORRELATIONS BETWEEN MICROENTERPRISES' FINANCING AND ITS CHARACTERISTICS. A CASE STUDY.
8:40 – 9:00	R.Antkiewicz, A.Najgebauer, D.Pierzchała, J.Rulka QUANTITATIVE METHODS OF STRATEGIC PLANNING SUPPORT - DEFENDING EUROPEAN FRONTLINE	D.Więcek, D.Więcek THE INFLUENCE OF THE METHODS OF DETERMINING COST DRIVERS VALUES ON THE ACCURACY OF COSTS ESTIMATION OF THE DESIGNED MACHINE ELEMENTS	M.Palkowski, W.Bielecki A PRACTICAL APPROACH TO TILING ZUKER'S RNA FOLDING USING THE TRANSITIVE CLOSURE OF LOOP DEPENDENCE GRAPHS	M.Żytniewski CONTEXT SPECIFICATION IN SUPPORT OF BUSINESS PROCESSES AND KNOWLEDGE MANAGEMENT INTEGRATION
9:00 – 9:20	M.Fraś, D.Frącek, K.Waśko NEAREST NEIGHBORHOOD DETERMINATION METHODS WITH REGARD TO MOBILE LOCATION- BASED APPLICATION	S.Tomczak THE STABILITY OF THE FINANCIAL INDICATORS OVER TIME	W.Kempa ON LOSS PROCESS IN A QUEUEING SYSTEM OPERATING UNDER SINGLE VACATION POLICY	P.Nielsen, Z.Michna, I.Nielsen THE ACTUAL NATURE OF LEAD TIMES IN SUPPLY CHAINS FOLLOWING A STRICT REORDER POINT BASED APPROACH
9:20 – 9:40	W.Stadnik, Z.Nowak THE IMPACT OF WEB PAGES' LOAD TIME ON THE CONVERSION RATE OF AN E-COMMERCE PLATFORM	P.Nielsen, Z.Banaszak, G.Bocewicz, Z.Michna AN EXPERIMENTAL INVESTIGATION OF LEAD TIME AND THE EFFECT OF ORDER CROSSOVER	D.Gąsior NASH EQUILIBRIUM OF CAPACITY ALLOCATION GAME FOR AUTONOMIC MULTI-DOMAIN SOFTWARE DEFINED NETWORKS	K.Tworek, M.Hopej, J.Martan INTO ORGANIZATIONAL STRUCTURE SIMPLICITY
9:40 - 10:00		Coffee	Break	
10:00 – 11:40	DAY 3	Chairs: V. Vla	senko, D. Plinta, S. Kłos, V. Va	gizova
	Room A	Room B	Room C	Room F
	Session TCS_2.6	Session TMS_1.4	Session TCS_2.5	Session TMS_1.5
	System Modeling IV	Management of Innovation II	SOA & Cloud Computing II	Management of Organization II
10:00 – 10:20	System Modeling IV R.Waszkowski, M.Jasiulewicz- Kaczmarek, M.Piechowski, R.Wyczółkowski IMPLEMENTING BPMN IN MAINTENANCE PROCESS MODELLING	Management of Innovation II M.Dolińska CROWDSOURCING-BASED OPEN INNOVATION PROCESSES ON THE INTERNET	W.Kempa QUEUEING DELAY IN A FINITE-	Management of Organization II M.Sarnovsky, P.Cibulova MEASUREMENT CENTER PROCESSES SUPPORT IN THE AUTOMOTIVE INDUSTRY
10:00 - 10:20 10:20 - 10:40	R.Waszkowski, M.Jasiulewicz- Kaczmarek, M.Piechowski, R.Wyczółkowski IMPLEMENTING BPMN IN MAINTENANCE PROCESS MODELLING R.Arendt, A.Kopczyński, P.Spychalski CENTRALIZED AND DISTRIBUTED	M.Dolińska CROWDSOURCING-BASED OPEN INNOVATION PROCESSES ON THE INTERNET P.Ignaciuk, Ł.Wieczorek	W.Kempa QUEUEING DELAY IN A FINITE- BUFFER MODEL WITH FAILURES AND BERNOULLI FEEDBACK M.Masrani, G.Poornalatha TWITTER SENTIMENT ANALYSIS USING A MODIFIED NAÏVE BAYES ALGORITHM	M.Sarnovsky, P.Cibulova MEASUREMENT CENTER PROCESSES SUPPORT IN THE
	R.Waszkowski, M.Jasiulewicz- Kaczmarek, M.Piechowski, R.Wyczółkowski IMPLEMENTING BPMN IN MAINTENANCE PROCESS MODELLING R.Arendt, A.Kopczyński, P.Spychalski CENTRALIZED AND DISTRIBUTED STRUCTURES OF INTELLIGENT SYSTEMS FOR AIDED DESIGN OF SHIP SYSTEMS AUTOMATION J.Wyrobek, J.Wąs, M.Zachara	M.Dolińska CROWDSOURCING-BASED OPEN INNOVATION PROCESSES ON THE INTERNET P.Ignaciuk, Ł.Wieczorek OPTIMIZATION OF MESH-TYPE LOGISTIC NETWORKS FOR ACHIEVING MAX SERVICE RATE UNDER ORDER-UP-TO INVENTORY	W.Kempa QUEUEING DELAY IN A FINITE- BUFFER MODEL WITH FAILURES AND BERNOULLI FEEDBACK M.Masrani, G.Poornalatha TWITTER SENTIMENT ANALYSIS USING A MODIFIED NAÏVE BAYES ALGORITHM	M.Sarnovsky, P.Cibulova MEASUREMENT CENTER PROCESSES SUPPORT IN THE AUTOMOTIVE INDUSTRY A.Kamińska, A.Parkitna, A.Górski FACTORS DETERMINING THE DEVELOPMENT OF SMALL
10:20 – 10:40	R.Waszkowski, M.Jasiulewicz- Kaczmarek, M.Piechowski, R.Wyczółkowski IMPLEMENTING BPMN IN MAINTENANCE PROCESS MODELLING R.Arendt, A.Kopczyński, P.Spychalski CENTRALIZED AND DISTRIBUTED STRUCTURES OF INTELLIGENT SYSTEMS FOR AIDED DESIGN OF SHIP SYSTEMS AUTOMATION J.Wyrobek, J.Wąs, M.Zachara SIMULATION-BASED ANALYSIS OF WIND FARMS' ECONOMIC	M.Dolińska CROWDSOURCING-BASED OPEN INNOVATION PROCESSES ON THE INTERNET P.Ignaciuk, Ł.Wieczorek OPTIMIZATION OF MESH-TYPE LOGISTIC NETWORKS FOR ACHIEVING MAX SERVICE RATE UNDER ORDER-UP-TO INVENTORY POLICY A.Dereń, A.Parkitna, J.Skonieczny DIMENSIONS OF EFFICIENCY BUSINESS ECOSYSTEM N.Rizun, K.Ossowska, Y.Taranenko MODELING THE CUSTOMER'S CONTEXTUAL EXPECTATIONS	W.Kempa QUEUEING DELAY IN A FINITE- BUFFER MODEL WITH FAILURES AND BERNOULLI FEEDBACK M.Masrani, G.Poornalatha TWITTER SENTIMENT ANALYSIS USING A MODIFIED NAÏVE BAYES ALGORITHM D.Gall, A.Walkowiak AN APPROACH TO SEMANTICS	M.Sarnovsky, P.Cibulova MEASUREMENT CENTER PROCESSES SUPPORT IN THE AUTOMOTIVE INDUSTRY A.Kamińska, A.Parkitna, A.Górski FACTORS DETERMINING THE DEVELOPMENT OF SMALL ENTERPRISES A.Arman, R.Hurriyati, G.Ruhman DESIGN OF EA DEVELOPMENT GUIDELINE FOR SMALL ENTERPRISES BASED ON TOGAF
10:20 – 10:40 10:40 – 11:00	R.Waszkowski, M.Jasiulewicz- Kaczmarek, M.Piechowski, R.Wyczółkowski IMPLEMENTING BPMN IN MAINTENANCE PROCESS MODELLING R.Arendt, A.Kopczyński, P.Spychalski CENTRALIZED AND DISTRIBUTED STRUCTURES OF INTELLIGENT SYSTEMS FOR AIDED DESIGN OF SHIP SYSTEMS AUTOMATION J.Wyrobek, J.Wąs, M.Zachara SIMULATION-BASED ANALYSIS OF WIND FARMS' ECONOMIC VIABILITY M.Drabowski, K.Kiełkowicz A HYBRID GENETIC ALGORITHM FOR HARDWARE-SOFTWARE SYNTHESIS OF HETEROGENEOUS	M.Dolińska CROWDSOURCING-BASED OPEN INNOVATION PROCESSES ON THE INTERNET P.Ignaciuk, Ł.Wieczorek OPTIMIZATION OF MESH-TYPE LOGISTIC NETWORKS FOR ACHIEVING MAX SERVICE RATE UNDER ORDER-UP-TO INVENTORY POLICY A.Dereń, A.Parkitna, J.Skonieczny DIMENSIONS OF EFFICIENCY BUSINESS ECOSYSTEM N.Rizun, K.Ossowska, Y.Taranenko MODELING THE CUSTOMER'S CONTEXTUAL EXPECTATIONS BASED ON LATENT SEMANTIC ANALYSIS ALGORITHMS A.Czarnecka, Z.Wilimowska HURST EXPONENT AS A RISK	W.Kempa QUEUEING DELAY IN A FINITE- BUFFER MODEL WITH FAILURES AND BERNOULLI FEEDBACK M.Masrani, G.Poornalatha TWITTER SENTIMENT ANALYSIS USING A MODIFIED NAÏVE BAYES ALGORITHM D.Gall, A.Walkowiak AN APPROACH TO SEMANTICS FOR UML ACTIVITIES P.Zabawa, B.Hnatkowska CDMM-F – DOMAIN LANGUAGES	M.Sarnovsky, P.Cibulova MEASUREMENT CENTER PROCESSES SUPPORT IN THE AUTOMOTIVE INDUSTRY A.Kamińska, A.Parkitna, A.Górski FACTORS DETERMINING THE DEVELOPMENT OF SMALL ENTERPRISES A.Arman, R.Hurriyati, G.Ruhman DESIGN OF EA DEVELOPMENT GUIDELINE FOR SMALL ENTERPRISES BASED ON TOGAF 9.1 G.Hołodnik-Janczura ANALYSIS OF MEASUREMENT CONVERTIBILITY FROM FP TO CFP: CONVERSION FORMULA AND
10:20 - 10:40 10:40 - 11:00 11:00 - 11:20	R.Waszkowski, M.Jasiulewicz- Kaczmarek, M.Piechowski, R.Wyczółkowski IMPLEMENTING BPMN IN MAINTENANCE PROCESS MODELLING R.Arendt, A.Kopczyński, P.Spychalski CENTRALIZED AND DISTRIBUTED STRUCTURES OF INTELLIGENT SYSTEMS FOR AIDED DESIGN OF SHIP SYSTEMS AUTOMATION J.Wyrobek, J.Wąs, M.Zachara SIMULATION-BASED ANALYSIS OF WIND FARMS' ECONOMIC VIABILITY M.Drabowski, K.Kiełkowicz A HYBRID GENETIC ALGORITHM FOR HARDWARE-SOFTWARE SYNTHESIS OF HETEROGENEOUS PARALLEL EMBEDDED SYSTEMS P.Sitek, J.Wikarek, T.Stefański MODEL TRANSFORMATION	M.Dolińska CROWDSOURCING-BASED OPEN INNOVATION PROCESSES ON THE INTERNET P.Ignaciuk, Ł.Wieczorek OPTIMIZATION OF MESH-TYPE LOGISTIC NETWORKS FOR ACHIEVING MAX SERVICE RATE UNDER ORDER-UP-TO INVENTORY POLICY A.Dereń, A.Parkitna, J.Skonieczny DIMENSIONS OF EFFICIENCY BUSINESS ECOSYSTEM N.Rizun, K.Ossowska, Y.Taranenko MODELING THE CUSTOMER'S CONTEXTUAL EXPECTATIONS BASED ON LATENT SEMANTIC ANALYSIS ALGORITHMS A.Czarnecka, Z.Wilimowska HURST EXPONENT AS A RISK MEASUREMENT ON THE CAPITAL MARKET	W.Kempa QUEUEING DELAY IN A FINITE- BUFFER MODEL WITH FAILURES AND BERNOULLI FEEDBACK M.Masrani, G.Poornalatha TWITTER SENTIMENT ANALYSIS USING A MODIFIED NAÏVE BAYES ALGORITHM D.Gall, A.Walkowiak AN APPROACH TO SEMANTICS FOR UML ACTIVITIES P.Zabawa, B.Hnatkowska CDMM-F – DOMAIN LANGUAGES FRAMEWORK G.Bocewicz, P.Nielsen, Z.Banaszak, R.Wojcik AN ANALYTICAL MODELING APPROACH TO CYCLIC SCHEDULING OF MULTIPRODUCT BATCH PRODUCTION FLOWS SUBJECT TO DEMAND AND	M.Sarnovsky, P.Cibulova MEASUREMENT CENTER PROCESSES SUPPORT IN THE AUTOMOTIVE INDUSTRY A.Kamińska, A.Parkitna, A.Górski FACTORS DETERMINING THE DEVELOPMENT OF SMALL ENTERPRISES A.Arman, R.Hurriyati, G.Ruhman DESIGN OF EA DEVELOPMENT GUIDELINE FOR SMALL ENTERPRISES BASED ON TOGAF 9.1 G.Hołodnik-Janczura ANALYSIS OF MEASUREMENT CONVERTIBILITY FROM FP TO CFP: CONVERSION FORMULA AND MONOTONICITY CONDITION J.Werewka DEVELOPING CONFORMANCE BETWEEN PROJECT MANAGEMENT AND ENTERPRISE ARCHITECTURE GOVERNANCE ON
10:20 - 10:40 10:40 - 11:00 11:00 - 11:20 11:20 - 11:40	R.Waszkowski, M.Jasiulewicz- Kaczmarek, M.Piechowski, R.Wyczółkowski IMPLEMENTING BPMN IN MAINTENANCE PROCESS MODELLING R.Arendt, A.Kopczyński, P.Spychalski CENTRALIZED AND DISTRIBUTED STRUCTURES OF INTELLIGENT SYSTEMS FOR AIDED DESIGN OF SHIP SYSTEMS AUTOMATION J.Wyrobek, J.Wąs, M.Zachara SIMULATION-BASED ANALYSIS OF WIND FARMS' ECONOMIC VIABILITY M.Drabowski, K.Kiełkowicz A HYBRID GENETIC ALGORITHM FOR HARDWARE-SOFTWARE SYNTHESIS OF HETEROGENEOUS PARALLEL EMBEDDED SYSTEMS P.Sitek, J.Wikarek, T.Stefański MODEL TRANSFORMATION	M.Dolińska CROWDSOURCING-BASED OPEN INNOVATION PROCESSES ON THE INTERNET P.Ignaciuk, Ł.Wieczorek OPTIMIZATION OF MESH-TYPE LOGISTIC NETWORKS FOR ACHIEVING MAX SERVICE RATE UNDER ORDER-UP-TO INVENTORY POLICY A.Dereń, A.Parkitna, J.Skonieczny DIMENSIONS OF EFFICIENCY BUSINESS ECOSYSTEM N.Rizun, K.Ossowska, Y.Taranenko MODELING THE CUSTOMER'S CONTEXTUAL EXPECTATIONS BASED ON LATENT SEMANTIC ANALYSIS ALGORITHMS A.Czarnecka, Z.Wilimowska HURST EXPONENT AS A RISK MEASUREMENT ON THE CAPITAL MARKET Break (to leav Closing	W.Kempa QUEUEING DELAY IN A FINITE- BUFFER MODEL WITH FAILURES AND BERNOULLI FEEDBACK M.Masrani, G.Poornalatha TWITTER SENTIMENT ANALYSIS USING A MODIFIED NAÏVE BAYES ALGORITHM D.Gall, A.Walkowiak AN APPROACH TO SEMANTICS FOR UML ACTIVITIES P.Zabawa, B.Hnatkowska CDMM-F – DOMAIN LANGUAGES FRAMEWORK G.Bocewicz, P.Nielsen, Z.Banaszak, R.Wojcik AN ANALYTICAL MODELING APPROACH TO CYCLIC SCHEDULING OF MULTIPRODUCT BATCH PRODUCTION FLOWS SUBJECT TO DEMAND AND CAPACITY CONSTRAINTS e hotel rooms) Session	M.Sarnovsky, P.Cibulova MEASUREMENT CENTER PROCESSES SUPPORT IN THE AUTOMOTIVE INDUSTRY A.Kamińska, A.Parkitna, A.Górski FACTORS DETERMINING THE DEVELOPMENT OF SMALL ENTERPRISES A.Arman, R.Hurriyati, G.Ruhman DESIGN OF EA DEVELOPMENT GUIDELINE FOR SMALL ENTERPRISES BASED ON TOGAF 9.1 G.Hołodnik-Janczura ANALYSIS OF MEASUREMENT CONVERTIBILITY FROM FP TO CFP: CONVERSION FORMULA AND MONOTONICITY CONDITION J.Werewka DEVELOPING CONFORMANCE BETWEEN PROJECT MANAGEMENT AND ENTERPRISE ARCHITECTURE GOVERNANCE ON
10:20 - 10:40 10:40 - 11:00 11:00 - 11:20	R.Waszkowski, M.Jasiulewicz- Kaczmarek, M.Piechowski, R.Wyczółkowski IMPLEMENTING BPMN IN MAINTENANCE PROCESS MODELLING R.Arendt, A.Kopczyński, P.Spychalski CENTRALIZED AND DISTRIBUTED STRUCTURES OF INTELLIGENT SYSTEMS FOR AIDED DESIGN OF SHIP SYSTEMS AUTOMATION J.Wyrobek, J.Wąs, M.Zachara SIMULATION-BASED ANALYSIS OF WIND FARMS' ECONOMIC VIABILITY M.Drabowski, K.Kiełkowicz A HYBRID GENETIC ALGORITHM FOR HARDWARE-SOFTWARE SYNTHESIS OF HETEROGENEOUS PARALLEL EMBEDDED SYSTEMS P.Sitek, J.Wikarek, T.Stefański MODEL TRANSFORMATION	M.Dolińska CROWDSOURCING-BASED OPEN INNOVATION PROCESSES ON THE INTERNET P.Ignaciuk, Ł.Wieczorek OPTIMIZATION OF MESH-TYPE LOGISTIC NETWORKS FOR ACHIEVING MAX SERVICE RATE UNDER ORDER-UP-TO INVENTORY POLICY A.Dereń, A.Parkitna, J.Skonieczny DIMENSIONS OF EFFICIENCY BUSINESS ECOSYSTEM N.Rizun, K.Ossowska, Y.Taranenko MODELING THE CUSTOMER'S CONTEXTUAL EXPECTATIONS BASED ON LATENT SEMANTIC ANALYSIS ALGORITHMS A.Czarnecka, Z.Wilimowska HURST EXPONENT AS A RISK MEASUREMENT ON THE CAPITAL MARKET Break (to leav Closing	W.Kempa QUEUEING DELAY IN A FINITE- BUFFER MODEL WITH FAILURES AND BERNOULLI FEEDBACK M.Masrani, G.Poornalatha TWITTER SENTIMENT ANALYSIS USING A MODIFIED NAÏVE BAYES ALGORITHM D.Gall, A.Walkowiak AN APPROACH TO SEMANTICS FOR UML ACTIVITIES P.Zabawa, B.Hnatkowska CDMM-F – DOMAIN LANGUAGES FRAMEWORK G.Bocewicz, P.Nielsen, Z.Banaszak, R.Wojcik AN ANALYTICAL MODELING APPROACH TO CYCLIC SCHEDULING OF MULTIPRODUCT BATCH PRODUCTION FLOWS SUBJECT TO DEMAND AND CAPACITY CONSTRAINTS e hotel rooms)	M.Sarnovsky, P.Cibulova MEASUREMENT CENTER PROCESSES SUPPORT IN THE AUTOMOTIVE INDUSTRY A.Kamińska, A.Parkitna, A.Górski FACTORS DETERMINING THE DEVELOPMENT OF SMALL ENTERPRISES A.Arman, R.Hurriyati, G.Ruhman DESIGN OF EA DEVELOPMENT GUIDELINE FOR SMALL ENTERPRISES BASED ON TOGAF 9.1 G.Hołodnik-Janczura ANALYSIS OF MEASUREMENT CONVERTIBILITY FROM FP TO CFP: CONVERSION FORMULA AND MONOTONICITY CONDITION J.Werewka DEVELOPING CONFORMANCE BETWEEN PROJECT MANAGEMENT AND ENTERPRISE ARCHITECTURE GOVERNANCE ON

Lunch

13:00 - 14:00