

SUNDAY - 18 SEPTEMBER 2016

14:00 - 16:00

Registration

16:00 - 17:00

Opening of the Conference & Welcome speech: Prof. Z. Malara

17:00 - 17:30

Coffee Break

17:30 - 18:30

PART I

Session 1.1 (Prof. A. Grzech)

Session 1.2 (Prof. J. Świątek)

Session 1.3 (Prof. Z. Malara)

17:30-17:45	Malinowski A., Czarnul P., Maciejewski M., Skowron P. <i>A fail-safe NVRAM based mechanism for efficient creation and recovery of data copies in parallel MPI applications.</i>	Chmielewski M., Stąpor P. <i>Money laundering analytics based on contextual analysis. Application of problem solving ontologies in financial fraud identification and recognition.</i>	Suchacka G., Stemplewski S. <i>Application of neural networks to predict purchases in online store.</i>
17:45-18:00	Kempa W., Kurzyk D. <i>Transient processing analysis in a finite-buffer queueing model with setup times.</i>	Kucharska E., Grobler-Dębska K., Rączka K. <i>ALMM-based methods for optimization makespan flow-shop problem with defects</i>	Chodak G., Suchacka G. <i>An experiment with Facebook as an advertising channel for audiobooks.</i>
18:00-18:15	Paprocka I., Kempa W. <i>Searching for a Method for the Basic Schedule Generation Influencing over the Performance of Predictive and Reactive Schedules.</i>	Sitek P., Wikarek J. <i>A concept of decision support for robust resource - constrained scheduling problems using hybrid approach.</i>	Tworek K., Hopej M., Martan J. <i>Measurement of a hierarchy as an organizational structure feature.</i>
18:15-18:30	Kempa W., Paprocka I. <i>Time to buffer overflow in a finite-capacity queueing model with setup and closedown times.</i>	Simiński R. <i>The experimental evaluation of rules partitioning conception for knowledge base systems.</i>	Tworek K., Zgrzywa-Ziemak A. <i>Relation between IT and organizational learning capability - empirical studies among Polish organizations.</i>

19:00 - 20:00

Grill

MONDAY - 19 SEPTEMBER 2016

7:00 - 8:30

Breakfast

8:00 - 11:00

Registration

8:00 - 9:00

PART II

Session 2.1 (Prof. Z. Banaszak)

Session 2.2 (Prof. M. Głąbowski)

Session 2.3 (Prof. A. Kozlov)

8:00-8:15	Morawski M., Ignaciuk P. <i>Energy efficient dynamic load balancing in multipath TCP for mobile devices.</i>	Relich M. <i>Identifying project alternatives with the use of constraint programming.</i>	Mierzwa D., Walecka-Jankowska K., Zimmer J. <i>Open innovation model in enterprises of the SME sector - sources and barriers.</i>
8:15-8:30	Owczarek P., Piechowiak M., Zwierzykowski P. <i>Analysis of routing protocols metrics for wireless mesh networks.</i>	Łapa K. <i>A new algorithm for online management of fuzzy rules base for nonlinear modeling.</i>	Kozlov A., Gutman S., Zaychenko I., Rytova E. <i>The formation of regional strategy of innovation-industrial development.</i>
8:30-8:45	Głąbowski M., Stasiak M. <i>Modelling of switching networks with multiservice traffic by the IPGBMT method.</i>	Łapa K., Cpałka K. <i>Weighted fuzzy genetic programming algorithm for structure and parameters selection of fuzzy systems for nonlinear modelling.</i>	Kuryłek Z. <i>The acquirement and functioning of mezzanine capital on the example of enterprises operating in the Republic of Poland.</i>
8:45-9:00	Hanczewski S., Stasiak M., Zwierzykowski P. <i>Queueing model of wireless access system.</i>	Łapa K. <i>Elastic FOPID+FIR controller design using hybrid population-based algorithm.</i>	Dereń A., Skonieczny J. <i>Creative thinking in management of disruptive technologies.</i>

9:00-9:30

Coffee Break

9:30 - 10:30

PART III

Session 3.1 (Prof. E. Rytova)

Session 3.2 (Prof. F. Babic)

Session 3.3 (Dr Z. Nowak)

9:30-9:45	Katkow A. <i>Synergetic models of customer - seller relations.</i>	Szymoniak S., Siedlecka-Lamch O., Kurkowski M. <i>Timed analysis of security protocols.</i>	Babic F., Curova B. <i>Effective project management using Web-based system with integrated knowledge base.</i>
9:45-10:00	Borowska B. <i>Exponential inertia weight in particle swarm optimization.</i>	Kurkowski M., Kozakiewicz A., Siedlecka-Lamch O. <i>Some remarks on security protocols verification tools.</i>	Wojszczyk R., Khadzhynov W. <i>The process of verifying the implementation of design patterns - used data models.</i>
10:00-10:15	Cieloch G. <i>Marketing Model of Value Creation</i>	Czubak A., Szymanek M. <i>Algorithmic Complexity Vulnerability Analysis of Statefull Firewall</i>	Pakulska J., Rutkowska-Podołowska M. <i>Environmental management systems according to ISO 14001</i>
10:15-10:30	Romanik M. <i>Analysis of the insurance portfolio with an embedded catastrophe bond in a case of uncertain parameter of the insurer's share.</i>	Szczepanik M., Józwiak I., Stasiński K., Wichary P. <i>Analysis of the minutia groups base of currents algorithms' pasterns database.</i>	Tumanov V., Amosova E., Prokhorov A. <i>Using fuzzy knowledge base to evaluate a classical potential barrier of liquid phase reactions of tert-Butyloxyl radicals with hydrocarbons.</i>

10:30-11:00

Coffee Break

11:00-12:00

PART IV

Session 4.1 (Prof. M. Kurkowski)

Session 4.2 (Dr K. Juszczyszyn)

Session 4.3 (Dr G. Suchacka)

11:00-11:15	Turek M., Werewka J., Pałka D. <i>The scrum pricing model for developing a common software framework in a multi-project environment.</i>	Filcek G., Żak J. <i>The multiple criteria optimization problem of joint matching carpoolers and common route planning. Modeling and the concept of solution procedure.</i>	Smatana M., Butka P. <i>Dynamic visualization of generalized one-sided concept lattices and their reductions.</i>
11:15-11:30	Nyznar M., Pałka D. <i>Generating source code templates on the basis of unit tests.</i>	Kowalska-Styczeń A. <i>The impact of structure network parameters on consumers behavior: a cellular automata model.</i>	Smatana M., Butka P., Covekova L. <i>Tree based reduction of concept lattices based on conceptual indexes.</i>
11:30-11:45	Turek M., Pałka D. <i>Light reflection analysis method for 3D surface damage identification.</i>	Hołodnik-Janczura G. <i>The extension of user story template structure with an assessment question based on the kano model.</i>	Sarnovsky M., Butka P., Paulina J. <i>Social-media data analysis using Tessera framework in the Hadoop cluster environment.</i>
11:45-12:00	Strug J. <i>Mutation testing in model accuracy assessment.</i>	Ignaciuk P. <i>State-Space modeling and analysis of Order-Up-To goods distribution networks with variable demand and positive lead time.</i>	Stasiak M. <i>Modelling of currency exchange rates using a binary representation.</i>

12:30-13:30

Lunch

13:30-19:00

Outdoor event

20:00-02:00

Conference Party

TUESDAY - 20 SEPTEMBER 2016

7:00 - 8:30

Breakfast

8:00 - 9:00

PART V

Session 5.1 (Dr G. Hołodnik-Janczura)

Session 5.2 (Prof. Z. Banaszak)

Session 5.3 (Prof. A. Katkow)

8:00-8:15	Borzemski L., Barański J., Kamińska-Chuchmała A. <i>Application of spatial econometrics methods in the analysis of WLAN performance.</i>	Fraś M., Bednarz M. <i>Simple rule-based human activity detection with Use of mobile phone sensors.</i>	Kowalski M., Prażników J. <i>Investment recommendation optimism – results of empirical research on Polish capital market.</i>
8:15-8:30	Stępnik W., Nowak Z. <i>Performance analysis of SPA-based Web systems.</i>	Melnyk V., Lopit I. <i>Optimization of read-only memory devices models mapping into FPGA architecture.</i>	Wysocki W., Orłowski C., Ziółkowski A., Bocewicz G. <i>Efficiency and maturity assessment model of RUP process in IT.</i>
8:30-8:45	Zabawa J., Radośniński E. <i>Comparison of discrete rate modeling and discrete event simulation. Methodological and performance aspects</i>	Drabowski M. <i>Modification of concurrent design of hardware and software for embedded systems - a synergistic approach.</i>	Rębiasz B., Gawel B., Skalna I. <i>Join treatment of imprecision and randomness in the appraisal of the effectiveness and risk of investment projects.</i>
8:45-9:00	Raczyński D., Stanisławski W. <i>Decomposition and reduction of indexing structures with use of the GPU computations.</i>	Majchrzycka A., Poniszewska-Maranda A. <i>Clustering algorithms and data streams for supervised control of data and prevention of threats in mobile application systems.</i>	Kamińska A., Wilimowska Z. <i>Methods of assessing the level of the technology innovation and Polish innovativeness in years 2010-2014.</i>

9:00-9:30

Coffee Break

9:30 - 10:30

PART VI

Session 6.1 (Dr M. Fraś)

Session 6.2 (Prof. L. Borzemski)

Session 6.3 (Prof. Z. Banaszak)

9:30-9:45	Faber Ł. <i>Distributed computing architecture on epiphany MIMD accelerators.</i>	Grobelyny J., Michalski R. <i>Applying hidden Markov models to visual activity analysis for simple digital control panel operations.</i>	Wilimowska Z., Tomczak S., Wilimowski M. <i>Selected methods of risk modelling in management process.</i>
9:45-10:00	Falas Ł., Juszczyszyn K. <i>Towards effective allocation of resources in service-oriented systems.</i>	Tudoroiu N., Elefterie L., Tudoroiu E., Kecs W., Dobritoiu M., Ilias N. <i>Real-time sliding mode observer estimator integration in hybrid electric vehicles battery management systems.</i>	Czarnecka A., Górski A. <i>How can the fractal geometry help with analyze of the Stock Exchange market?</i>
10:00-10:15	Brzeski A. <i>Automatic detection of nerves in confocal corneal images with orientation-based edge</i>	Pieniżek J., Cieciniński P. <i>Recursive identification of nonlinear aerodynamic characteristics of Air-plane.</i>	Kamińska A., Parkitna A., Siałkowska S. <i>Intellectual capital- measuring the immeasurable and reporting.</i>
10:15-10:30	Sudol A. <i>Methods of digital Hilbert optics in the analysis and objects' recognition.</i>	Gąbka J. <i>Simulation tool for effective tasks subcontracting in manufacturing networks.</i>	Parkitna A., Gądek M. <i>The paradigm of effectiveness of public hospitals.</i>

10:30-11:00

Coffee Break

11:00-12:00

Closing Session

12:30-13:30

Lunch