

**XXXII International Conference**  
**PROBLEMS OF DECISION MAKING UNDER UNCERTAINTIES 2018 (PDMU- 2018)**  
**August 3 – 8, 2018**  
**Prague, Czech Republic**

<b>Monday, August 27, 2018</b>	10 <sup>00</sup> - 17 <sup>00</sup>	<b>Registration of participants</b> (Vysoká škola ekonomická, Ekonomická 957, Praha 4, room JM b 252)
	17 <sup>00</sup> - 17 <sup>15</sup>	<b>J. Odehnal</b> (Vice-Rector for Quality, University of Defence) Greetings
	17 <sup>15</sup> - 17 <sup>30</sup>	<b>O. Nakonechniy</b> (Chairman of Program Committee) Greetings
	17 <sup>30</sup> - 17 <sup>45</sup>	<b>M. Sedlačík</b> (Vice-Rector for Education and Students Issues, University of Defence) Greetings
	17 <sup>45</sup> - 18 <sup>00</sup>	<b>General discussion</b>
	18 <sup>00</sup> - 22 <sup>00</sup>	<b>WELLCOME PARTY</b>
<b>Tuesday, August 28, 2018</b>	<b>PLENARY and SECTIONAL SESSIONS</b>	
	10 <sup>00</sup> - 10 <sup>30</sup>	<b>L. Sant</b> «Viable posteriors for Lévy priors»
	10 <sup>30</sup> - 11 <sup>00</sup>	<b>R. Correll</b> «Exposure risk posed by inorganic contaminants in drinking water»
	11 <sup>00</sup> - 11 <sup>30</sup>	<b>V. Martsenyuk, I. Andrushchak</b> «Immunosensor model based on lattice difference equations»
	11 <sup>30</sup> - 12 <sup>00</sup>	<b>G. Chachanidze, K. Nanobashvili</b> «The scoring or ranking model for assessing the quality of education»
	12 <sup>00</sup> - 12 <sup>30</sup>	<b>Coffee break</b>
	12 <sup>30</sup> - 13 <sup>00</sup>	<b>E. Lebedev</b> «Analysis of stationary regime for the $[SM   GI   \infty]^r$ queueing networks »
	13 <sup>00</sup> - 13 <sup>30</sup>	<b>V. Bakhrushyn</b> «Decision-making on assessment of higher education institutions under uncertainty»
	13 <sup>30</sup> - 14 <sup>00</sup>	<b>A. Shatyrko</b> «Qualitative analysis of Luv'e type control systems under uncertainties»
	14 <sup>00</sup> - 15 <sup>00</sup>	<b>Lunch</b>
	15 <sup>00</sup> - 15 <sup>20</sup>	<b>J. Neubauer, J. Odehnal</b> «Notes on dynamic panel data analysis in terms of modeling determinants of military spending»
	15 <sup>20</sup> - 15 <sup>40</sup>	<b>S. Mashchenko</b> «A problem with a type-2 fuzzy goal set »
	15 <sup>40</sup> - 16 <sup>00</sup>	<b>V. Koval</b> «Computer-integrated systems for information support and automatization of the complicated objects »
	16 <sup>00</sup> - 16 <sup>20</sup>	<b>A. Nikitin</b> «Analysis of the mathematical model of information with external impulse influence»
	16 <sup>20</sup> - 16 <sup>40</sup>	<b>J. Sant</b> «Bayesian Inference for Diffusions in Genetics»
	16 <sup>40</sup> - 17 <sup>00</sup>	<b>G. Kakashvili</b> «Object-oriented, decision-making matrix supporting web-page classification»
17 <sup>00</sup> - 18 <sup>00</sup>	<b>BOARD SESSION</b>	
<b>Wednesday, August 29, 2018</b>	<b>EXCURSION</b>	

<b>Thursday, August 30, 2018</b>	<b>SECTIONAL SESSIONS</b>	
	10 <sup>00</sup> - 10 <sup>20</sup>	<b>O. Nakonechnyi, P. Zinko, Iu. Shevchuk</b> «Estimation of influence for models of information spreading process under uncertainty»
	10 <sup>20</sup> - 10 <sup>40</sup>	<b>S. Bekesiene, S. Hoskova-Mayerova</b> «Creative expression in military organizations: a case of Lithuanian armed forces»
	11 <sup>00</sup> - 11 <sup>20</sup>	<b>M. Tejkal, Y. Michalek</b> «Markov model for description of the intensity of the terrorist threat »
	11 <sup>20</sup> - 11 <sup>40</sup>	<b>Ya. Yeleyko</b> « The evolution of financial synthetic indicators »
	11 <sup>40</sup> - 12 <sup>00</sup>	<b>Ya. Chabanyuk, U. Khimka</b> «Generator of stochastic volatility with semi-Markov switching »
	12 <sup>00</sup> - 12 <sup>20</sup>	<b>Coffee break</b>
	12 <sup>20</sup> - 12 <sup>40</sup>	<b>A. Pashko</b> « The statistical simulation of the self-similar traffic »
	12 <sup>40</sup> - 13 <sup>00</sup>	<b>A. Florenko, N. Shchestyuk</b> «Minimax problems for random fields from observations in areas with peculiarities»
	13 <sup>00</sup> - 13 <sup>20</sup>	<b>Y. Miliavskiy</b> «Identification of cognitive maps under uncertainties»
	13 <sup>20</sup> - 13 <sup>40</sup>	<b>P. Senio</b> «Two-sided approximation finding of a function based on mathematics of functional intervals»
	13 <sup>40</sup> - 14 <sup>00</sup>	<b>M. Shcherbatyy</b> «Proper orthogonal decomposition for ordinary differential equations and partial differential equations»
	14 <sup>00</sup> - 15 <sup>00</sup>	<b>Lunch</b>
	15 <sup>00</sup> - 15 <sup>20</sup>	<b>N. Semenova</b> «Properties of sets solutions of quasi convex problems of lexicographically lexicographic optimization»
	15 <sup>20</sup> - 15 <sup>40</sup>	<b>S. Shkilniak</b> «Properties of logics of general non-deterministic quasiary predicates
	15 <sup>40</sup> - 16 <sup>00</sup>	<b>M. Šmerek</b> «Special type of distribution problems»
	16 <sup>00</sup> - 16 <sup>20</sup>	<b>N. Stolyarenko</b> «Construction of the jobs batches for optimal mode in flexible manufacturing»
	16 <sup>20</sup> - 16 <sup>40</sup>	<b>Yu. Shunkin</b> «Gauss-Newton-Potra method for nonlinear least squares problems with operator decomposition»
	16 <sup>40</sup> - 17 <sup>00</sup>	<b>P. Veselík</b> «Application of quantitative methods for risk assessment in a selected medical facility»
	17 <sup>00</sup> - 18 <sup>00</sup>	<b>BOARD SESSION</b>
18-00	<b>FAREWELL PARTY</b>	
<b>Friday, August 31, 2018</b>	<b>SECTIONAL SESSIONS</b>	
	10 <sup>00</sup> - 10 <sup>20</sup>	<b>A. Vlasyuk, I. Ilkiv</b> «Mathematical modelling of salt transfer to system of horizontal drains in zones of complete and incomplete saturation under nonisothermal conditions»
	10 <sup>20</sup> - 10 <sup>40</sup>	<b>Zaychenko Y.</b> «Multicriteria decision-making problems under fuzzy conditions»
	10 <sup>40</sup> - 11 <sup>00</sup>	<b>M. Bratiichuk</b> «Sequential test for exponential model»
11 <sup>00</sup> - 12 <sup>00</sup>	<b>Closing of the Conference</b>	