

International Conference

EURO Mini Conference

“Continuous Optimization and Knowledge-Based Technologies”

EUROPT-2008

PROGRAMME

May 20-23, 2008,
Neringa, LITHUANIA

The International Conference, EURO Mini Conference CONTINUOUS OPTIMIZATION AND KNOWLEDGE-BASED TECHNOLOGIES
(May 20-23, 2008, Neringa, Lithuania)

Organised by

- European Association of Operational Research Societies (EURO);
- Institute of Mathematics and Informatics, Vilnius, Lithuania;
- Vilnius Gediminas Technical University, Vilnius, Lithuania;
- Lithuanian Operational Research Society (LitORS);
- EURO Working Group on Continuous Optimization (EUROPT);
- German OR Society (GOR).

In cooperation with

- European Chapter on Metaheuristics (EUME);
- European Chapter on Combinatorial Optimization (ECCO);
- Kaunas University of Technology, Lithuania

Supported by

- European Association of Operational Research Societies (EURO);
- EURO Working Group on Continuous Optimization (EUROPT);
- European Office of Aerospace Research & Development (EOARD);
- German OR Society (GOR);
- PASCAL (Pattern Analysis, Statistical Modelling and Computational Learning);
- Institute of Applied Mathematics, METU, Ankara;
- IBM Europe (Zurich);
- Society for Industrial and Applied Mathematics (SIAM);
- Ministry of Education and Science of Republic of Lithuania..

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Programme of EUROPT-2008

MONDAY, May 19

Day of arrival

14:00-15:00	Registration at the Institute of Mathematics and Informatics, Gostauto 12, Vilnius
14:00-22:00	Registration in the hotel "Jurate", Pamario st 3, Neringa
20:00-22:00	Cheese Party in the Restaurant "Jurate", Neringa

TUESDAY, May 20

8:00-9:00	REGISTRATION IN THE HOTEL "JURATE", PAMARIO ST 3, NERINGA
8:00-9:00	Breakfast
Plenary Session I. Chairman: Prof. Leonidas Sakalauskas	
9:00-9:30	Opening
9:30-11:00	Invited lecture PAC-Bayes theory of Generalisation John Shawe-Taylor (University College London, UK)
11:00-11:30	Coffee break

Parallel Sessions				
	Parallel Session T1	Parallel Session T2	Parallel Session T3	Parallel Session T4
	<p>APPLICATION OF CONTINUOUS OPTIMIZATION IN COMBINATORIAL ALGORITHMS</p> <p>Chairman: Prof. Adilson Xavier</p>	<p>COMPLEXITY AND EFFICIENCY OF OPTIMIZATION ALGORITHMS</p> <p>Chairman: Prof. Yves Smeers</p>	<p>CLUSTERING AND ITS MODERN OPTIMIZATION METHODS</p> <p>Chairmen: Prof. Zeev Volkovich and Dr. Basak-Akteke Ozturk</p>	<p>DATA VISUALIZATION FOR OPTIMAL DECISIONS</p> <p>Chairman: Prof. Antanas Zilinskas</p>
11:30-12:00	<p><i>Convex extensions of discrete convex functions and applications in combinatorial optimization</i></p> <p>Tiit Riismaa (Estonia)</p>	<p><i>Computational complexity and approximability of combinatorial optimization problems connected with committee polyhedral separability of finite sets</i></p> <p>Mikhail Khachay, Maria Pobery (Russia)</p>	<p><i>Continuous optimization approaches for minimum sum of squares</i></p> <p>Basak Akteke-Ozturk, Gerhard-Wilhelm Weber (Turkey), Erik Kropat (Germany)</p>	<p><i>Constructing Collective Causal Maps through Multidimensional Scaling in the ANCOM-2 Methodology</i></p> <p>Vitaly Podobedov, Tatiana Bouzdine-Chameeva (France)</p>
12:00-12:30	<p><i>Continuous nonlinear programming techniques to solve scheduling problems</i></p> <p>Fabio Fagundez, João Lauro Facó, Adilson Xavier (Brazil)</p>	<p><i>Implementation of a fixing strategy and parallelization in a recent global optimization method</i></p> <p>Figen Öztoprak, Sevket Ilker Birbil (Turkey)</p>	<p><i>Cluster stability using minimal spanning trees</i></p> <p>Zeev Barzily, Zeev Volkovich (Israel), Başak Akteke-Öztürk, Gerhard-Wilhelm Weber (Turkey)</p>	<p><i>Selecting a regularisation parameter in the locally linear embedding algorithm</i></p> <p>Rasa Karbauskaitė, Gintautas Dzemyda, Virginijus Marcinkevicius (Lithuania)</p>

12:30-13:00	<i>An entropy based genetic algorithm</i> Alfonsas Misevicius (Lithuania)	<i>Two-parameter regularized Gauss-Newton type methods for highly nonlinear least squares problems</i> Inga Kangro, Otu Vaarmann (Estonia)	<i>Clustering Grocery Shopping paths of customers by using optimization</i> Tugba Yaman, Selcuk Karabati, Fikri Karaesmen (Turkey)	<i>Three-dimensional visualization by means of multidimensional scaling</i> Antanas Žilinskas, Julius Žilinskas (Lithuania)
13:00-14:00	Lunch			
Plenary Session II. Chairman: Prof. Kees Roos				
14:00-15:30	Invited lecture. Chairman Prof. Kees Roos Optimization and knowledge-based technologies in Electricity Markets Yves Smeers (Catholique University of Louvain, Louvain-la-Neuve, Belgium)			
15:30-16:00	Coffee break			
Parallel Sessions				
	Parallel Session T5	Parallel Session T6	Parallel Session T7	Parallel Session T8
	APPLICATION OF CONTINUOUS OPTIMIZATION IN COMBINATORIAL ALGORITHMS Chairman: Prof. Joao Faco	OPTIMIZATION IN ENGINEERING Chairman: Prof. Leonidas Sakalauskas	OPTIMIZATION IN DATA MINING Chairman: Prof. John Shawe-Taylor	MODELLING AND OPTIMIZATION IN FINANCE Chairman: Prof. Jerome Stein
16:00-16:25	<i>Solution of the circles packing on the sphere surface problem by the hyperbolic smoothing method.</i> Adilson Elias Xavier, Joao Lauro Dorneles Faco, Jurair Rosa de Paula Junior (Brazil)	<i>Optimization of stepped beams under compression.</i> Tiina Kraav, Jaan Lellep (Estonia)	<i>Noise robust isolated words recognition problem solving</i> Dmitry Shalymov (Russia)	<i>Parametric quadratic programming for portfolio selection with computational experience</i> Ralph E. Steuer (USA)

16:25-16:50	<i>Soft clustering via the hyperbolic smoothing approach</i> Adilson Elias Xavier, Luiz Carlos Ferreira Sousa (Brazil)	<i>Optimization of elastic-plastic circular plates</i> Julia Polikarpus, Jaan Lellep (Estonia)	<i>Global Tree Optimization Approach with Polyhedral Conic Functions and a Multiobjective Integer Programming Approximation to Classification Problems</i> Gurkan Ozturk, Rafail N. Kasimbeilii (Turkey)	<i>Portfolio Design and Optimization Using Neural Network Based Multiagent System of Investing Agents</i> Darius Plikynas (Lithuania)
16:50-17:15	<i>The performance of the modified subgradient algorithm on solving the 0-1 quadratic knapsack problem</i> Aydin Sipahioglu, Tugba Sarac (Turkey)	<i>Optimization of chemical admixture for concrete on mortar performance tests using mixture experiments</i> Özlem Akalin, Kadri Ulas Akay, Bahar Sennaroglu, Müjgan Tez (Turkey)	<i>Rule induction for ophthalmological data classification</i> Jolita Bernataviciene, Gintautas Dzemyda, Olga Kurasova, Valerijus Barzdžiukas, Dovile Buteikiene, Alvydas Paunksnis (Lithuania)	<i>Retail banking e-services management optimization research for real-time decision support using software agents</i> Darius Dilijonas, Dmitrij Zavrid (Lithuania)
17:15-17:40	<i>On optimization approach to evaluate the efficiency of occupation space</i> Musa Mammadov (Australia)	<i>Application of operational research methodology for climate change mitigation policies</i> Dalia Streimikiene, Irena Alebaite (Lithuania)	<i>Neural network-based visualization using clustered data</i> Sergejus Ivanikovas, Gintautas Dzemyda, Viktor Medvedev (Lithuania)	<i>Formation of economic bubbles: causes and possible preventions</i> Stasys Girdzijauskas, Dalia Streimikiene, Vera Moskaliova, Edita Jurkonyte, Ramunas Mackevicius (Lithuania)
17:40-18:05	<i>On solving dynamic shortest path problems</i> Ebrahim Nasrabadi, S. Mehdi (Iran)			

19:00-20:00	RECEPTION BY MAYOR OF NERINGA IN THE NTIC “AGILA”
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WEDNESDAY, May 21

8:00-9:00	Breakfast			
Plenary Session III. Chairman Prof. Anton Batatoresku				
9:00-10:30	Invited lecture Machine Learning with Bregman Divergences Inderjit Dhillon (University of Texas at Austin, USA)			
10:30-11:00	Coffee break			
Parallel Sessions				
	Parallel Session W1	Parallel Session W2	Parallel Session W3	Parallel Session W4
	STOCHASTIC OPTIMIZATION	Stream MULTIOBJECTIVE AND VECTOR OPTIMIZATION	Stream OPTIMIZATION METHODS IN MACHINE LEARNING	Stream FORMAL AND KNOWLEDGE BASED MODELS FOR ANALYSIS OF SOFTWARE SYSTEMS
	Chairman: Prof. Istvan Deak	Chairman: Prof. Kaisa Mietinen	Chairwoman: Dr. Sureyya Akyuz	Chairman: Prof. Henrikas Pranevicius
11:00-11:25	<i>Application of successive regression approximations in stochastic optimization</i> Istvan Deak (Hungary)	<i>The Construction of some Classes of Generalized V-Univex Type-I Multiobjective Problems</i> Anton Batatorescu, Miruna Beldiman, Vasile Preda (Romania)	<i>Semi-definite programming in modern machine learning techniques</i> Tijl De Bie (United Kingdom)	<i>Representing and checking consistency and dynamic constraints of business rules</i> Henrikas Pranevicius, Germanas Budnikas (Lithuania)

11:25-11:50	<i>Application of order statistics to termination of stochastic optimization algorithms</i> Vaida Bartkute, Leonidas Sakalauskas (Lithuania)	<i>Trade-off Analysis Tool for Interactive Nonlinear Multiobjective Optimization</i> Petri Eskelinen, Kaisa Miettinen (Finland)	<i>Sparse CCA for bilingual word generation</i> David Hardoon (United Kingdom)	<i>Development of multi-objective simulation-based genetic algorithm for supply chain cyclic planning and optimization</i> Galina Merkuryeva, Liana Napalkova (Latvia)
11:50-12:15	<i>Solving two stage stochastic linear problems by series of Monte-Carlo estimators</i> Leonidas Sakalauskas, Kestutis Zilinskas (Lithuania)	<i>On bi-parametric programming in quadratic optimization</i> Alireza Ghaffari-Hadigheh, Oleksandr Romanko, Tamás Terlaky, Ghaffari-Hadigheh, Romanko, Terlaky (Canada)	<i>LPRankBoost and Column Generation</i> Kristiaan Pelckmans, Johan Suykens (Norway)	<i>Requirements reuse based on forecast of user needs</i> Erdvinas Perednikas (Lithuania)
12:15-12:40	<i>Stochastic programming model for account based costing</i> Saverio Giuliani (Italy)	<i>A cone separation theorem in Banach spaces and scalarization in non-convex vector optimization</i> Refail Kasimbeili (Turkey)	<i>Optimization for automated assembly of puzzles</i> Mahmut Şamil Sağıroğlu, Aytül Erçil (Turkey)	<i>Application of metamodelling for information systems engineering</i> Grazina Kalibataite (Lithuania)
12:40-13:05			<i>A Large Margin Type of Discriminative Training of HMM</i> Huizhen Yu (Finland)	
13:05-14:00	Lunch			

Plenary Session IV. Chairman Prof. Aydin Sipahioglu	
14:00-15:30	Invited lecture Multi-Objective Optimization and Multi-Criteria Decision Making Kaisa Miettinen (University of Jyväskylä, Finland)
16:00-19:00	EXCURSION IN KURSIU LAGOON BY BOAT “AUSTEJA”

THURSDAY, May 22

8:00-9:00	Breakfast			
Plenary Session V. Chairman Prof. Virgilijus Sakalauskas				
9:00-10:30	Invited lecture A Tale of Two Debt Crises: A Stochastic Optimal Control Analysis Jerome Stein (USA)			
10:30-11:00	Coffee break			
Parallel Sessions				
	Parallel Session TH1	Parallel Session TH2	Parallel Session TH3	Parallel Session TH4
	Stream SEMI-INFINITE OPTIMIZATION	Stream NONSMOOTH AND GLOBAL OPTIMIZATION APPROACHES IN DATA MINING	Stream APPLICATION OF KNOWLEDGE-BASED TECHNOLOGIES IN GOVERNMENT, LEARNING AND BUSINESS	Stream COMPUTATIONAL STATISTICS
	Chairman: Prof. Sven Ake Gustafson	Chairman: Prof. Adil Bagirov	Chairman: Prof. Irene Krebs	Chairwoman: Prof. Mujgan Tez
11:00-11:25	<i>Semi-infinite and conic optimization in modern human,</i>	<i>Large scale nonsmooth optimization problems in data</i>	<i>Deriving knowledge based indicators for monitoring</i>	<i>Estimation under a multivariate multiple linear</i>

	<i>life and financial sciences under uncertainty</i> Gerhard-Wilhelm Weber, Sirma Zeynep Alparslan-Gok (Turkey), Erik Kropat (Germany)	<i>mining</i> Adil Bagirov (Australia)	<i>virtual project teamwork</i> Dalia Kriksciuniene, Virgilijus Sakalauskas (Lithuania)	<i>model and some associated reduced models</i> Nesrin Guler, Halim Ozdemir, Mujgan Tez (Turkey)
11:25-11:50	<i>Learning with Infinitely Many Kernels via Semi-Infinite Programming</i> Sureyya Ozogur Akyuz, Gerhard Wilhelm Weber (Turkey)	<i>A modified penalty function method for constrained systems of nonlinear equations</i> Fusheng Bai (Australia)	<i>Methodology of ERP system implementation - a case study of project-driven enterprise</i> Slawomir Klos, Irene Krebs (Germany)	<i>Liu type estimator in Cox proportional hazard regression model in presence of collinearity</i> Deniz Lukuslu, Deniz Inan, Mijgan Tez (Turkey)
11:50-12:15	<i>An Interior Point Approach for Semidefinite Optimization Using New Proximity Functions</i> Mohammad Reza Peyghami (Iran)	<i>An auxiliary function method for constrained systems of nonlinear equations</i> Zhiyou Wu, Fusheng Bai, Musa Mammadov (Australia)	<i>The necessity of knowledge transfer in small and medium-sized enterprises (SME) in Germany - a proposal for solution</i> Dirk Jandt, Irene Krebs (Germany)	<i>On convergence of kernel learning estimators</i> Vladimir I. Norkin (Ukraine), Michiel A. Keyzer (Germany)
12:15-12:40	<i>Kernel function based complexity analysis of semidefinite optimization</i> Mohammad Reza Peyghami (Iran)	<i>A comparative study of different clustering analysis algorithms</i> Dean Webb (Australia)	<i>Enterprise Model Based Computerized Specification Method of User Functional Requirements</i> Audrius Lopata, Saulius Gudas (Lithuania)	<i>Applications of some new inequalities for moments of order statistics and L-moments</i> Vasile Preda, Roxana Ciumara (Romania)
12:40-13:05			<i>Employees' communication in organization: it influence aspect</i> Ingrida Sarkiunaite (Lithuania)	
13:05-14:00	Lunch			

Plenary Session VI. Chairman Prof. Gerhard Wilhelm (Willy) Weber				
14:00-15:30	Invited lecture OR in RNA structure analysis. Marta Szachniuk and Jacek Blazewicz (Poznan University of Technology, Poland)			
15:30-16:00	Coffee break			
Parallel Sessions				
	Parallel Session TH5	Parallel Session TH6	Parallel Session TH7	Parallel Session TH8
	Stream OPTIMIZATION IN BIOINFORMATICS AND COMPUTATIONAL BIOLOGY Chairwoman: Dr. Marta Szachniuk	MODELLING AND OPTIMIZATION IN FINANCE Chairman: Prof. Aleksandras Vytautas Rutkauskas	Stream APPLICATION OF KNOWLEDGE-BASED TECHNOLOGIES IN GOVERNMENT, LEARNING AND BUSINESS Chairman: Prof. Irene Krebs	ANALYSIS AND ENGINEERING OF ALGORITHMS Chairman: Prof. Dr. Milan Hladik
16:00-16:25	<i>A DNA based algorithm for calculating the max-flow in networks</i> Andrea Sackmann, Piotr Formanowicz (Poland)	<i>Single period portfolio optimization with fuzzy transaction costs</i> Cristinca Fulga, Bogdana Pop (Romania)	<i>Aspects of enterprise knowledge modelling</i> Gudas Saulius, Brundzaite Rasa (Lithuania)	<i>Optimal value bounds in nonlinear programming with interval data</i> Milan Hladik (Czech Republik)
16:25-16:50	<i>Metafunctions EU project - detecting functions of habitat specific gene patterns</i> Marcin Radom, Agnieszka Rybarczyk, Piotr Formanowicz, Jacek Blazewicz, Marta Szachniuk (Poland)	<i>On optimal economic response to catastrophic climate change risks</i> Amos Zemel and Yacov Tsur (Israel)	<i>On the Development of Domain Ontology for Distance Learning Course</i> Lina Tankeleviciene, Dale Dzemydiene (Lithuania)	<i>A New Gravity Model With Variable Distance Decay</i> Muge Sandikcioglu, Serpil Sayin, Ozden Gur Ali (Turkey)
16:50-17:15	<i>Optimization of SVM parameters for promoter recognition in DNA sequences</i>	<i>IIS – investment informed system</i>	<i>Cash demand forecasting for ATM using neural networks and support vector regression</i>	<i>On new charge evaluations in the electromagnetism-like algorithm</i>

	Robertas Damasevicius (Lithuania)	Aleksandras Vytautas Rutkauskas (Lithuania)	<i>algorithms</i> Rimvydas Simutis, Darius Dilijonas, Lidija Bastina (Lithuania)	Ana Rocha, Edite Fernandes (Portugal)
17:15-17:40	<i>PMP - Protein model platform</i> Grzegorz Palik, Maciej Antczak, Maciej Milostan, Piotr Lukasiak (Poland)	<i>From two-dimensional profit- risk to three-dimensional profit-reliability-risk in capital markets</i> Viktorija Stasytyte (Lithuania)	<i>Business Rules as Part of Information Systems Life Cycle: Possible Scenarios</i> Kestutis Kapocius, Gintautas Garsva (Lithuania)	<i>Optimization in crowd movement models via anticipation</i> Dmitry Krushinsky, Oleksandr Makarenko (Ukraine), Boris Goldengorin (The Netherlands)
17:40-18:05	<i>Domain analysis algorithm (DOMAN) - approach used for predicting domains in proteins</i> Maciej Antczak, Maciej Milostan, Grzegorz Palik, Piotr Lukasiak (Poland)		<i>Application of artificial intelligence methods for modelling customer relation- ships management processes</i> Laima Papreckiene (Lithuania)	
18:05-18:30	<i>A dynamic programming algorithm for the Simplified Partial Digest Problem</i> Alexandr Kovalev, Marta Kasprzak, Mikhail Y. Kovalyov, Jacek Blazewicz, Edmund K. Burke (Poland)		<i>Investigation of the elasticity of the price bubble functions</i> Stasys Girdzijauskas, Aleksas Pikturna, Feliksas Ivanauskas, Egidijus Merkevicus, Vera Moskaliova (Lithuania)	
19:00-22:00	CONFERENCE DINNER AT THE RESTAURANT "NIDOS SEKLYCIA"			

FRIDAY, May 23

8:00-9:00	Breakfast			
Plenary Session VII. Chairwoman Prof. Silvia Vogel				
9:00-10:30	Invited lecture: Discrete Nonlinear Optimization in a Conic Programming Framework. Mirjam Dür (Darmstadt University of Technology, Germany)			
10:30-11:00	Coffee break			
Parallel Sessions				
	Parallel Session F1	Parallel Session F2	Parallel Session F3	Parallel Session F4
	OPTIMIZATION AND DYNAMICAL SYSTEMS JOINTLY APPLIED TO PROCESSES OF INFORMATION AND DEVELOPMENT Chairwoman: Prof. Ch. Agayeva	COMPUTATIONAL STATISTICS Chairwoman: Dr. Pakize Taylan	ANALYSIS AND ENGINEERING OF ALGORITHMS Chairman: Habil. Dr. Julius Zilinskas	OPTIMIZATION IN ENGINEERING Chairman: Prof. L. Sakalauskas
11:00-11:30	<i>A Dynamic System Approach for Solving Nonlinear Programming Problems with Exact Penalty Function</i> Necati Ozdemir, Firat Evirgen (Turkey)	<i>Continuous optimization applied in MARS for modern applications in finance, science and technology</i> Pakize Taylan, Gerhard-Wilhelm Weber, Fatma Yerlikaya (Turkey)	<i>The bilinear optimization problem and its applications</i> Marianna Nagy, Zsolt csizmadia, Tibor Illés (Hungary)	<i>Thin-walled structures optimization as crash energy absorber using DOE and RSM</i> Javad Marzbanrad, Amir Abdollahpour (Iran)
11:30-12:00	<i>Necessary condition of optimality for stochastic control systems with variable structure</i> Cherkez Agayeva (Turkey),	<i>Liu estimator in logistic regression when the data are collinear</i>	<i>Optimal berth allocation with variable job scheduling</i> Deniz Türsel Eliiyi, Aslihan	<i>Optimization algorithm of the subnanosecond-range integrated circuits layout</i>

	Gurban Abushov (Azerbaijan)	Nurkut Nuray Urgan, Mijgan Tez (Turkey)	Gizem Korkmaz, Abdullah Ercument Çiçek (Turkey)	Albinas Jonas Marcinkevicius, Vaidas Jasonis (Lithuania)
12:00-12:30	<i>Simulation of plant phenology in complex agroecosystem models as an optimal control problem</i> Alexander G. Topaj, Ratmir A. Poluektov (Russia)	<i>Universal Confidence Sets for Constrained Decision Problems</i> Silvia Vogel (Germany)	<i>Branch and bound with simplicial partitions and combination of Lipschitz bounds for global optimization</i> Remigijus Paulavicius, Julius Žilinskas (Lithuania)	<i>Influence of ship pipelines to their durability and method of a design of their residual resource</i> Larisa Vasiljeva (Lithuania)
12:30-13:00	<i>Mathematical modeling of dynamics of air blower rotor</i> Marius Vasylius, Jolanta Januteniene, Jurgita Grigoniene (Lithuania)		<i>Impact of crossover and decision variable coding forms on the performance of genetic algorithm optimization: a case study of pump and treat remediation design</i> Gamze Gungor Demirci, Aysegul Aksoy (Turkey)	<i>The spectroscopic characteristics of light nuclei in the orthogonal scheme basis</i> Kestutis Jankauskas, Larisa Vasiljeva (Lithuania)
13:00-14:00	Lunch			
Parallel Sessions				
	Parallel Session F5	Parallel Session F6	Parallel Session F7	
	Stream SEMI-INFINITE OPTIMIZATION Chairman: Prof. Gerhard W. Weber	SOFTWARE DEVELOPMENT Chairwoman: Prof. Mirjam Duer	MODELING AND OPTIMIZATION IN PRACTICE Chairwoman: Prof. Dr. Olga Kurasova	
14:00-14:25	<i>An infinite-dimensional approach to sets separation</i> Marco A. Lopez-Cerda (Spain)	<i>On a software for fuzzy MCDM</i> Guvenc Arslan, Ozlem Aydin (Turkey)	<i>Simultaneous allocation of continuous berths and mobile cranes with variable handling times</i> Deniz Türsel Eliyi, Burcu Ozcam, Erhan Ada, Evrim Güldogan, Bengü Sevil, Isik O.	

			Yumurtaci (Turkey)
14:25-14:50	<i>On a reduction line search filter method for nonlinear semi-infinite programming problems</i> Ana Pereira and Edite Fernandes (Portugal)	<i>Software development</i> Solomon Aloaye Arcoven (Turkey)	<i>A Cost Volume Profit model for a multiproduct situation with variable production structure</i> Stefan Daniel, Stefan Anamari-Beatrice, Savu Lucian Dorel, Sumandea-Simionescu Raluca Meda, Comes Calin-Adrian (Romania)
14:50-15:15	<i>Generalised discretisation of linear semi-infinite programs - numerical aspects</i> Sven Ake Gustafson (Norway)	<i>Exam scheduling problem: an AHP model for parameter estimation</i> Zehra Kamisli Ozturk, Mujgan Sagir Ozdemir (Turkey)	<i>Classification of building repair policy choice criteria</i> Miroslaw Dytczak, Grzegorz Ginda (Poland)
15:15-15:40	<i>On comparison of conditions characterizing optimality without constraint qualifications for convex semi-infinite problems</i> Tatiana Tchemisova, Olga Kostyukova (Portugal)	<i>Contractor selection multi-attribute model applying COPRAS method with grey interval numbers</i> Edmundas Kazimieras Zavadskas, Arturas Kaklauskas, Jolanta Tamošaitienė, Zenonas Turskis (Lithuania)	<i>Optimization of the Agricultural Production Structure</i> Algimantas Kurlavicius (Lithuania)
15:40-16:00			<i>Multicriteria verbal analysis for construction contracts</i> Leonas Ustinovichius, Arunas Barvidas, Andzelika Vishnevskaja, Ilya Ashikhmin (Lithuania)
Plenary Session VIII. Chairman Prof. Marco Lopez			
16:00-16:30	EUROPT Invited Lecture Computing safe dike heights at minimal costs Kees Roos (Delft University of Technology, The Netherlands)		
16:30-17:00	Closing		

SATURDAY, May 24

8:00-9:00	Breakfast
9:00-14:00	EXCURSION BY BUS THROUGH NERINGA SIGHTS TO KLAIPEDA

POSTER SESSION

Randomized search for local maxima by combining EM and VNS algorithms
Adel Bessadok, Pierre Hansen (Canada)

The analysis of multivariant data in complex test layout for computer graphics
Daiva Makuteniene (Lithuania)

Stochastic programming models for optimal fleet composition
Nasreddine Saadouli (Kuwait)

Self-exciting threshold autoregressive models and its realization algorithm
Nomedas Bratčikovienė (Lithuania)

Nonsmooth switching optimal control problem
Shahlar Maharramov (Turkey)

Control optimization of industrial processes applying distribution of modified informative flow
Danielius Adomaitis, Arunas Andziulis, Eleonora Guseinoviene (Lithuania)

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