

Program of the Conference

24 September 2018 - Monday	
<i>Registration of participants beginning with 9:00 a.m. on Monday, 24 September 2018 at Palais Staszic, first floor foyer</i>	
10:30-11:00 a.m. Coffee and tea	
11:00 - 13:00 Plenary opening session , Mirror Room, first floor	
<ul style="list-style-type: none"> ■ Introduction to the Conference – representatives of the Polish Academy of Sciences and the Society ■ Plenary lecture 1: Hannu Nurmi (Finland): <i>Worlds apart: Voting systems in theory and practice</i> ■ Plenary lecture 2: Cengiz Kahraman and Fatma Kutlu Gundogdu (Turkey): <i>From 1D to 3D membership: spherical fuzzy sets</i> 	
Chair: Janusz Kacprzyk	
13:00 - 14:00 Lunch	
14:00 - 16:00 Parallel sessions	
I. Decision making , Staszic Room Chair: Krzysztof Szkatuła <ul style="list-style-type: none"> ■ Tadeusz Trzaskalik & Maciej Nowak: <i>Trade-off multiobjective dynamic programming procedure and its application to project portfolio selection</i> ■ Leszek Klukowski: <i>Testing of estimates of the preference relation based on pairwise comparisons in the form of difference of ranks</i> ■ Jacek Malinowski: <i>A fast universal algorithm for finding minimal cut-sets in networks with arbitrary structure</i> ■ Lamiche Chaabane: <i>An Efficient Hybrid Approach Applied to Minimize the total weighted tardiness cost on single machine</i> 	II. INFORMS Session: OR/MS analytics in practical environments , Mirror Room Chair: Tadeusz Trzaskalik <ul style="list-style-type: none"> ■ Wit Jakuczyn: <i>Optimisation in practical applications</i> ■ Artur Olczak: <i>On the methodology of 'Perspektywy' university ranking 2018</i>
16:15 – 17:30 Tadeusz Trzaskalik – <i>Polonaises</i> by Michał Kleofas Ogiński Piano recital and promotion of the CD (Mirror Room)	
18:00 - 20:00 Informal Get Together – Palais Staszic, top floor	

25 September 2018 - Tuesday	
9:30 - 10:30 Plenary lecture 3, Mirror Room: José Luis Garcia Lapresta (Spain): <i>Non-uniform qualitative scales: An ordinal approach</i>	
Chair: Jan W. Owsiniński	
10:30 - 11:00 Coffee break	
11:00 - 13:00 Parallel sessions	
III. Multicriteria decision making and optimization I , Mirror Room Chair: Ignacy Kaliszewski <ul style="list-style-type: none"> ■ Andrzej Łodziński: <i>Fair and efficient optimization in negotiation process</i> ■ Krzysztof Targiel: <i>Modelling the Structures of Stakeholder Preferences with Modified DEMATEL Method</i> ■ Jan W. Owsiniński: <i>Bringing rankings together – some fundamental issues and proposed solutions</i> 	IV. Economic and financial applications , Staszic Room Chair: Jan Gadomski <ul style="list-style-type: none"> ■ Lech Kruś & Irena Woroniecka-Leciejewicz: <i>Analysis of alternative policies mix for Poland using the noncooperative game model</i> ■ Małgorzata Wrzosek: <i>The dynamics of the labor market with a variable structure of unemployment skills</i> ■ Sławomir Jarek: <i>Application of regularization methods for the construction of the securities portfolio</i>
13:00 - 14:00 Lunch	
14:00 - 15:00 Plenary lecture 4, Mirror Room: Andrzej Kraslawski (Finland/Poland): <i>Challenges in supply chain of critical materials</i>	
Chair: Jacek Malinowski	
15:00 - 15:45 The awards ceremony of the Society's competition for the best Polish book in systems and OR domains	
Chair: Janusz Kacprzyk	
15:45 - 16:15 Coffee break	
16:15 - 18:00: Parallel sessions	
V. Multicriteria decision making and optimization II , Mirror Room Chair: Lech Kruś <ul style="list-style-type: none"> ■ Włodzimierz Ogryczak: <i>Mean-inequity ratio models for equitable multicriteria optimization</i> ■ Ignacy Kaliszewski: <i>What rankings do not tell?</i> 	VI. Energy, environment & decisions , Staszic Room Chair: Andrzej Kałuszko <ul style="list-style-type: none"> ■ Jolanta Jarnicka & Zbigniew Nahorski: <i>Bivariate analysis of errors in national inventory reporting</i> ■ Weronika Radziszewska & Jarosław Stańczak: <i>The modeling of dynamic market of energy with local energy clusters</i> ■ Barbara Maźbic-Kulma et al.: <i>Properties of an α-clique approach to obtain the hub and spoke structure in optimization of a transportation system</i>
20:00 - 22:00 Conference dinner	

26 September 2018 - Wednesday	
9:30 - 10:30 Plenary lecture 5, Mirror Room: Alexander V. Yazenin (Russia): <i>Mathematical programming in conditions of hybrid uncertainty of possibilistic-probabilistic type</i>	
Chair: Maciej Krawczak	
10:30 - 11:00 a.m. Coffee break	
11:00 - 13:00 Parallel sessions	
VII. Communication, transport & decisions , Mirror Room Chair: Zbigniew Nahorski <ul style="list-style-type: none"> ■ Jerzy Kolarzowski: <i>Using presupposition as a verbal means of influence in the communicative process</i> ■ Barbara Maźbic-Kulma et al.: <i>Mathematical conditions for profitability of simple logistic system transformation to the hub & spoke structure</i> ■ Artur Maździarz: <i>Temporal alarm patterns discovery in mobile telecommunication networks based on binary series model analysis</i> 	VIII. General methodological aspects , Staszic Room Chair: Wiesław Krajewski <ul style="list-style-type: none"> ■ Discussion panel on new methodological paradigms and their validity – all participants invited
13:00 - 13:30 Closing Session	
13:30 - 14:30 Lunch	