

XXI. Summer School of Biometrics
Karlovy pod Pradědem, Czech Republic, 26.-30. June, 2017

CONFERENCE PROGRAMME (final version, 23. 6.)

26. VI. 2017 - Monday

13:00 - 14:00	Lunch		
14:00 - 14:50	Registration of participants		
15:00 - 15:30	Session 1	<i>Chairman: David Hampel</i>	
	Opening of the XXI. SSB	David Hampel	10
	70th birthday of doc. RNDr. Jaroslav Michálek, CSc.	Jiří Neubauer, Marek Sedlačík, Jiří Hartmann	10
	Welcome from the PTB	Stanislav Mejza	5
	Welcome from the KB SAPV Slovakia	Pavel Flák	5
15:30 - 16:30	Preliminary Workshop - part 1		
	Biometrical Approaches in Genetics and Breeding of Farm Animals	Josef Přibyl, Jana Přibyllová, Luboš Vostrý	60
16:30 - 16:50	Coffee Break		
16:50 - 17:50	Preliminary Workshop - part 2		
	Elements of Experimental Design in Plant Variety Testing	David Hampel, Jiří Hartmann, Martin Tláškal	60
18:00	Dinner		

27. VI. 2017 - Tuesday

8:00 - 9:00	<i>Breakfast</i>		
9:00 - 10:20	Preliminary Workshop - part 3		
	Basic Models in Plant Variety Testing	David Hampel, Jiří Hartmann, Martin Tláškal	80
10:20 - 10:40	<i>Coffee Break</i>		
10:20 - 10:40	20		
10:40 - 12:00	Preliminary Workshop - part 4		
	Elements of Selected Multivariate Methods	David Hampel, Lenka Viskotová	80
12:00 - 13:00	<i>Lunch</i>		
14:00 - 16:00	Session 2	<i>Chairman: Luboš Střelec</i>	
	Granger Causality among Labour Productivity, Labour Costs and Unemployment Rate in the EU Countries	Lenka Roubalová, Tomáš Vaněk, David Hampel	20
	Factors Affecting the Level of Economic Performance of the Country	Terézia Bobošová	20
	Factors for the Detection of Bankruptcy of Engineering Companies in the EU	Michaela Staňková, David Hampel	20
	Markov Models in Credit Risk Analysis	Tomáš Vaněk, David Hampel	20
	Estimation the Number of Temporary Workers in the Company Moravskoslezské Cukrovary	Veronika Blašková, Hana Stojanová	20
	On the Sato Production Function Properties	Lenka Roubalová, Lenka Viskotová, David Hampel	20
16:00 - 16:20	<i>Coffee Break</i>		
16:00 - 16:20	20		
16:20 - 17:40	Session 3	<i>Chairman: Ryszard Walkowiak</i>	
	Prediction of Wind Erosion Susceptibility of Light Soils	Ryszard Walkowiak	20
	Application of Logistic Models to Compare the Degree of Infection of Pea Variation by Powdery Mildew	Bogna Zawieja, Ewa Bakinowska, Wieslaw Pilarczyk	20
	The Impact of Regional Climate Change on the Floodplain Forest Ecosystem (Animals)	Milan Palát, Zdeněk Bauer	20
	Kernel Regression Based Algorithms for the Identification of Outliers in Environmental Data	Martina Čampulová, Jaroslav Michálek	20
18:00	<i>Dinner</i>		

28. VI. 2017 - Wednesday

8:00 - 9:00	<i>Breakfast</i>		
9:00 - 11:00	Session 4	<i>Chairman: Stanislaw Mejza</i>	
	Individual Control Treatment in Designed Factorial Experiments	Stanisław Mejza	20
	On the Efficiency of Certain Three-Factor Designs Useful for Agricultural Experiments	Iwona Mejza, Katarzyna Ambrozy-Deregowska	20
	Research on the R Features for Experimental Designs in Biometrical Studies	Teresa A. Oliveira, Amílcar Oliveira	20
	Control Charts for Attributes: A New Perspective Based on Lifetime Distributions with Applications on e-Learning Classes Monitoring	Amílcar Oliveira, Teresa A. Oliveira	20
	Practical Aspects in Planning and Analyzing of Block Experiments	Wiesław Pilarczyk	20
	Damage Resistant Alpha Design	David Hampel, Jitka Janová	20
11:30 - 12:15	<i>Lunch</i>		
12:30 - 18:30	Technical visit - The Dlouhe Strane Pumped-Storage Hydro Power Station		
18:30	<i>Dinner</i>		

29. VI. 2017 - Thursday

8:00 - 9:00	<i>Breakfast</i>		
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9:00 - 10:00	Session 5	<i>Chairman: Luboš Vostrý</i>	
	Partial Domestic Milk Test-Day-Records and Global De-Regressed Breeding Values in Common Random Regression Evaluation	Josef Přibyl, Jiří Bauer, Jana Přibyllová, Jiří Šplíchal, Luboš Vostrý, Ludmila Zavadilová	20
	The Methodology for Detection of Genome-Wide Selection Signatures	Nina Moravčíková, Radovan Kasarda, Michal Vlček, Veronika Kukučková, Ondrej Kadlečík	20
	Selection of Suitable Model for Estimation of Genetic Parameters of Insect Bite Hypersensitivity	Luboš Vostrý, Hana Vostrá -Vydrová, Barbora Hofmanová, Michaela Brzáková, Jindřich Čítek	20

10:00 - 10:20	<i>Coffee Break</i>		
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10:20 - 11:20	Session 6	<i>Chairman: Josef Přibyl</i>	
	Complex Methodology for Distinction of Closely Related Breeds	Veronika Kukučková, Nina Moravčíková, Radovan Kasarda	20
	Multi-Trait Evaluation of Binomial Traits in Dairy Cattle	Michala Hofmannová, Josef Přibyl, Emil Krupa, Petr Pešek	20
	Bio-Economical Modelling of Pig Production Systems	Zuzana Krupová, Emil Krupa, Marie Wolfová	20

12:00 - 13:00	<i>Lunch</i>		
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14:00 - 15:20	Session 6	<i>Chairman: Pavel Flak</i>	
	Estimation of Risk Probabilities and Statistical Inference for Skewed Left-Censored Data	Jaroslav Michálek, Michal Fusek	20
	Testing in Multivariate Linear Models with Special Variance Structures	Ivan Žežula, Daniel Klein, Anuradha Roy	20
	Tools and Applications for Numerical Inversion of the Characteristic Functions	Viktor Witkovský	20
	The Problems of Multivariate Analyses (PCA and FA) of Categorical – Ordinal Variables	Pavel Flak	20

15:20 - 15:40	<i>Coffee Break</i>		
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15:40 - 16:40	Session 7	<i>Chairman: Jaroslav Michálek</i>	
	A Double Sigmoid Model Describing Biogenic Amine Accumulation	Martin Tláškal, Jaroslav Michálek	20
	The Role of the Location Functional in Robustification of the Jarque-Bera Normality Test	Luboš Střelec, Ladislava Issever Grochová	20
	Quasi-Norms for Discrete Probability Distribution Estimation	Jakub Šácha	20

16:40 - 16:50	<i>Closing of the scientific part of the XXI. SSB</i>		
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19:00 - ??	<i>Conference Dinner</i>		
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30. VI. 2017 - Friday

8:00 - 9:00	<i>Breakfast</i>		
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Departure of participants