



24th International Scientific Symposium on Biometrics
Zagreb, Croatia, 5 - 8 June 2019

SYMPOSIUM PROGRAM in Detail

June, 5	19:00	Registration &		
	20:00	Welcome Cocktail		
Thursday, June, 6	9:00 – 9:30	Opening ceremony	Zdenko Sonicki, HBMD President Mirjana Kujundžić Tiljak, University of Zagreb School of Medicine, “Andrija Štampar” School of Public Health, Director Anamarija Jazbec, BIOSTAT OC President	
	9:30 – 11:00	<i>Chair: Zdenko Sonicki</i>	School of Biometrics – Part I Andrew B. Lawson: Spatial Analysis for Biomedical and Related Fields	
	11:00 – 11:30	COFFEE BREAK		
	11:30 – 13:00	<i>Chair: Zdenko Sonicki</i>	School of Biometrics – Part II Andrew B. Lawson: Spatial Analysis for Biomedical and Related Fields	
	13:00 – 14:00	LUNCH BREAK		
	14:00 - 15:30	<i>Chair: Diana Šimić</i>	Contributed session	#
		AUTHOR	TITLE	
		Ana Martinčić Špoljarić, Ivica Rubelj, Miljenko Huzak	A Mathematical Model of Telomere Shortening	
		Janez Stare, Nina Ružić Gorenjec, Robin Henderson	Estimating the probability of random cancers	
		Karina Gibert, Miquel Sánchez-Marrè, Beatriz Sevilla	An intelligent recommender for personalized diets considering health and life style	
	Gloria Gheno	A new algorithm to determine sleep quality		
	15:30 – 16:00	COFFEE BREAK		
	16:00 – 17:00	<i>Chair: Karina Gibert</i>	Contributed session	#
		AUTHOR	TITLE	
Andrew R. Barron, Lidija Jakobek, Mirta Benšić, Petra Matić		Statistical fitting of adsorption isotherms		
Lavoslav Čaklović		Sparse propensity matching		
Milan Rimac, Tonka Vuksevic, Jelena Roganovic, Zdenko Sonicki	Global geographic clustering of childhood cancer in Croatia			
18:00	Zagreb sightseeing			
Friday, June, 7	9:00 - 10:40	<i>Chair: John Vena</i>	Contributed session	#
		AUTHOR	TITLE	
		Želimir Kurtanjek	Statistical propensity analysis of <i>Triticum aestivum</i> DaRT genome profiles	
		Matthew Bozigar, Erik Svendsen, John Pearce, Kathryn Cristaldi, John Vena	Methodological considerations in constructing a space-time model of disease risk: an applied case study of asthma in South Carolina 1999-2015	
		Yuko Y. Palesch	Is alpha=0.05 a “one-size-fits-all” criterion in clinical trials?	
Mulugeta Gebregziabher, Carter Allen, Daniel Baer, Aastha Khatiwada, Virginia Shipes, Abeba A Teklehaimanot, Philip S. Insel	A Multivariate Generalized Linear Mixed Model for Joint Modeling of Cognitive and Neuroimaging Outcomes			

	Paul A. Thompson and Norm Matloff	Improving the reproducibility of image manipulation: Using journaling to track the process
10:40 – 11:10	COFFEE BREAK	
11:10 – 12:00	<i>Chair: Marija Pecina</i>	Keynote Lecture Andrea Berghold: Randomization techniques – theory and practice
12:00 – 13:00	<i>Chair: Slavica Sović</i>	Contributed session #
	AUTHOR	TITLE
	Borut Bosančić, Marija Pecina	Meta-analysis in agricultural sciences: Guidelines with novel ME-MetaPCA
	Diana Šimić, Jelena Gusić	Do We Influence Students' Attitudes toward Statistics?
	Marijana Žunić, Krunoslav Teslak	My forest for me is...? Building private forest owners objectives network
13:00 – 14:00	LUNCH BREAK	
14:00 – 14:30	ISPC Meeting	
	COFFEE BREAK	
14:30 – 24:00	Excursion	

Saturday, June 8	9:00 – 10:40	<i>Chair: Janez Stare</i>	Contributed session #
		AUTHOR	TITLE
		Tamara Jurina, Adela Šain, Davor Valinger, Jasenka Gajdoš Kljusurić, Maja Benković, Ana Jurinjak Tušek, Želimir Kurtanjek, Vesna Antoška Knights	Principal component regression vs. partial linear squares regression in prediction modelling
		Jasminka Dobša	Capturing clustering structure of the data in cross-language representation of textual documents
		Martina Đodan, Sanja Perić	Comparison of different sessile oak planting techniques after windthrow in Norway spruce artificial stands
		Maja Buhin Pandur, Jasminka Dobša	Classification of dentists in Slovenia based on their availability
		Roberto Mužić, Slavica Sović, Zdenko Sonicki	Frequency phobia vs. probability blindness
	10:40 – 11:10	COFFEE BREAK	
	11:10 – 12:00	<i>Chair: Mislav Vedriš</i>	Keynote Lecture Lavoslav Čaklović: Network choice theory
	12:00 – 13:00	<i>Chair: Anamarija Jazbec</i>	STUDENTS SESSION #
		AUTHOR	TITLE
		Lara Rajković	Overview Of Methods For Meta-analysis
		Igor Radanović, Deni Rkman, Kristian Dominik Rudež, Igor Milovčić, Ivan Horvat, Robert Likić	Heatmap analysis of emergency patients flow at the University Hospital Centre Zagreb
		Kristina Stamenković, Katarina Skopljak	Evaluation of mental health workshops in a sample of Croatian secondary-school adolescents
13:00 – 14:00	LUNCH BREAK		
14:00 – 14:30	Closing ceremony		
14:30 – 15:00	Farewell COFFEE		

Note: Time for each title is 20 minutes - 15 for presentation followed by 5 minutes for questions and discussion

Follow us at www.hbmd.hr