

SYMPOSIUM PROGRAM

Wednesday, June, 14	19:00 – 20:00	Registration & Welcome Cocktail		
Thursday, June, 15	9:00 – 9:30	Opening ceremony		
	9:30 – 11:00	<i>Chair: Anamarija Jazbec</i>	School of Biometrics – Part I Tomáš Mrkvička: Global Envelopes in R	
	11:00 – 11:30	COFFEE		
	11:30 – 13:00	<i>Chair: Anamarija Jazbec</i>	School of Biometrics – Part II Tomáš Mrkvička: Global Envelopes in R	
	13:00 – 14:00	LUNCH		
	14:00 – 15:00	<i>Chair: Janez Stare</i>	Contributed session	
		AUTHOR	TITLE	
		Perišić Ana, Vanbelle Sophie	Asymmetric 2-group k-adic similarity coefficient	
		Ana Martinčić Špoljarić	Convergence of Telomere Loss Process With and Without Abrupt Shortening	
		Azra Tafro	Gaussian mixture model for PET image reconstruction with reduced sample size	
	15:00 – 15:30	COFFEE		
	15:30 – 16:50	<i>Chair: Mislav Vedriš</i>	Contributed session	
		AUTHOR	TITLE	
		Andro Kokeza, Fran Domazetović, Luka Jurjević, Ivan Marić, Ante Šiljeg, Ivan Balenović	Testing the accuracy of terrestrial laser scanning technology for individual tree DBH estimation in a urban pine stand	
		Nikola Zorić, Dinka Matošević	Exploring Spatio-temporal Distribution of Forest Pests and Diseases in Croatia for Effective Management	
Martina Đodan, Sanja Perić		Improvement of stability and growth of p. oak stands - does provenances matter?		
Doroteja Bitunjac, Maša Zorana Ostrogović Sever, Katarína Merganičová, Hrvoje Marjanović	Calibration and validation of the model Biome-BGCMuSo for simulation of SOC change in oak forests in Croatia			
18:00	Sightseeing			
Friday, June, 16	9:30 – 10:30	<i>Chair: Marija Pecina</i>	Keynote Lecture: Gregor Gorjanc: Novel biometric tools for managing and improving populations in the era of mega-scale genomics	
	10:30 – 11:00	COFFEE		
	11:00 – 12:00	<i>Chair: Vladimir Brajković</i>	Contributed session	
	AUTHOR	TITLE		

BIOSTAT 2023



26th International Scientific Symposium on Biometrics
Zadar, Croatia, 14 - 17 June 2023



		A. Kasap, J. Ramljak, M. Špehar, G. Gorjanc	Genomic connectedness between flocks – case study on Istrian sheep breed	
		Maja Zagorščak, Andrej Blejec, Špela Baebler, Carrissa Bleker, Jan Zrimec, Anže Županič, Kristina Gruden	multiOmics data analysis, integration, and visualisation - a case study in potato stress response	
		Borut Bosančić	Multivariate analysis combined with melissopalynology improves insight into honey origin, environment and potential environmental disturbance	
	12:00 – 13:00	<i>Chair: Slavica Sović</i>	Contributed session	
		AUTHOR	TITLE	
		Želimir Kurtanjek	Causal model of biosphere based on EU LTER Northern Adriatic Sea project	
		Janez Stare, Tina Košuta, Damjan Manevski, Robin Henderson	A cautionary note on the c-index in survival analysis	
		Ivan Stresec, Miran Bezjak, Stipislav Jadrijević, Branišlav Kocman, Tajana Filipec Kanižaj, Danko Mikulić, Bojana Dalbelo Bašić	The Disparate Goals of Statistics and Machine Learning: Survival Analysis and Prediction on Liver Transplantation Data	
	13:00 – 14:00	LUNCH		
	14:00 – 14:30	ISPC Meeting		
16:00	Excursion			
Saturday, June, 17	9:30 – 10:15	<i>Chair: Azra Tafro</i>	STUDENTS SESSION	
		AUTHOR	TITLE	
		Iva Šikić	Survey analysis: "Citizens about green infrastructure in Zagreb"	
		Adrian Goršeta	Adrian vs Predators: An Analysis of Professor's Inbox	
	10:15 – 11:15	<i>Chair: Zdenko Sonicki</i>	Contributed session	
		AUTHOR	TITLE	
		Nikolina Pleić, Ivana Gunača, Mirjana Babić Leko, Tatijana Zemunik	Thyroid function and metabolic syndrome: a two-sample bidirectional Mendelian randomization study	
		Meštrović T, Premužić Meštrović I, Crkvenac Gregorek A, Pavić P, Đaković Bacalja I, Sonicki Z	Using artificial intelligence to optimize decision making and improve outcomes in surgery – our experience	
		Marko Kvakić, Emir Imažagić	SRCE Advanced Computing service and bioinformatics	
	11:15 – 12:00	COFFEE		
12:00 – 12:30	Closing ceremony			
12:30 – 13:30	LUNCH			