

Friday - May 11 st

09:15	P Registration											
10:00	Open Ceremony of the V WCDANM											
10:15	Plenary :	Plenary Session										
	Milan St	Milan Stehik										
	Multi-criteria aggregation for cancer risk assessment											
	Department of Applied Statistics, Johannes Kepler University in Linz, Austria											
11:00	11:00 Coffee Break											
	Parallel Session A1 - New Developments in Metaheuristics and Applied Statistics			Parallel Session B1 - Industrial Mathematics			Parallel Session C1			Parallel Session D1		
	Room	Auditório 1		Room	Auditório 2		Room	Auditório 3		Room	Auditório 4	
	Chair	Fernanda Otilia		Chair	Manuel Cruz		Chair	Ana Borges		Chair	Ilda Rodrigues	
11:15	114	Dinis Pestana	Bad Science, Fake p-Values and Mendel Variables	137	Ana Filipa Nogueira	Modelling Resources in Selling Channels for the Customer Service	149	Ana Borges	How Innovation and Internationalization Explain Corporate Debt? New Empirical Evidences on Portuguese SMEs	118	Ilda Rodrigues	A special subspace of Hessenberg- Type matrices
	159	Filipe Marques	How to test different block diagonal structures in several covariance matrices	126	Stella Abreu	An efficient software for packing boxes in pallets	146	Sérgio Nunes	Innovation and firm economic performance: evidence from Portuguese SME	104	Alberto Simões	σ-semi-Hyers-Ulam stability for Higher Order Integro-Differential Equations
	121	Fernanda Figueiredo	Combining Sensory and Chromatographic Analyses in Acceptance Sampling Plans	134	Luís Miguel Bandeira	Sectors and Routes in transportation of non-urgent patients	154	Oliva Martins	Applying Structural Equation Model to Marketing Research	112	Célia Nunes	Random sample sizes in orthogonal mixed models
12:45						Lunch	at ESTG					

Social Programm

PLS-PM to evaluate workers' health

19:15	Arrival at ESTG
19:15 20:00 23:00	Conference Dinner at Restaurante Columbinos
23:00	Arrival at ESTG

Chains of oscillators in non-homogeneous media Numerical analysis of solutions of neural field equations with oscillatory coupling functions

Luís Bandeira

Weronika Wojtak

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Oussama Rida

12:45 14:00

	Saturday - May 12 nd											
09:30	9:30 Registration											
	Plenary \$											
	Anuj Mul											
			le of Biodiversity, Scarcity of Information	and Healt	h Disparity on Mathen	natical Modeling and Analysis of a Negle	cted Vector	borne Disease in a	Complex Landscape of Global Health			
11:00	Arizona S	State University-Tempe	, USA			0-#-	e break					
11.00						Conec	DIECK					
	Parallel Session A2 - Advances in Statistics of Extremes		vances in Statistics of Extremes	Parallel Session B2 - Computational Mathematics, Statistics and Information Management			Parallel Session C2			Pararllel Session D2		
	Room	Auditório 1		Room	Auditório 2		Room	Auditório 3		Room	Auditório 4	
	Chair	Fernanda Otilia		Chair	Filomena Teodoro)	Chair	Telmo Matos		Chair	Dário Ferreira	
11:15	113	Ivette Gomes	Mean-of-order-p Value-at-Risk Estimation: a Monte Carlo Comparison	157	José Dias	Country-level population structures. Insights from symbolic data clustering	151	Telmo Matos	A Scatter Search algorithm for the Uncapacitated Facility Location Problem		Sandra S. Ferreira	A note on relationships between moments and cumulants
	129	Manuela Neves	Asymptotic and finite sample comparison of some extreme value index classes of estimators	153	Filomena Teodoro	Kalman Filtering, a Necessary Tool to Build a Low Cost Navigation System	132	Sergey Frenkel	Relationship between models of program execution and trace similarity metrics in malicious attacks detection	133	Dário Ferreira	Estimation of Variance Components in Linear Mixed Models under some Constraints
	130	Dora Prata Gomes	Extremal index blocks estimator: choosing the block size and the threshold	162	Fernando Carapau	Numerical simulations of a third-grade fluid flow on a tube through a contraction	142	Fátima Pilar	Improving Customer Satisfaction in an Automobile Repair Shop	105	Patricia Antunes	Fourth Central Moment
12:45 Lunch at ESTG												
	Plenary Session Pedro Dilveria A Multilevel approach in the study of Paratuberculosis in Milk Production Biomedical Sciences Institute of Abel Salazar, Porto University, Portougal EPIUnit – Public Health Institute, Porto University, Portougal		al .									
	D	Session A3 - In Auditório 1	dustrial Mathematics II	Parrallel Session B3		D		allel Session C3		Parrall Auditório 4	el Session D3	
	Room Chair	Isabel Cristina Lo	nes	Room Chair	Auditório 2 Arminda Manuela	Goncalves	Room Chair	Auditório 3 Ana Nata		Room Chair	J. A. Pereira	
14:45	120		Combining Data Analysis Methods For ex Forecasting Liquefied Petroleum Gas Cylinders Demand	157	Carla Francisco	Woodland Caribou extinction Risk in Boreal and open Taiga Canadian forests.	160	Graça Soares	Some results on the determinantal range of matrix products	136	J. A. Pereira	Can non-surgical periodontal treatmen improve clinical and biochemical parameters of rheumatoid arthritis? A meta-analysis
:4:45	141	Ana Teixeira	A quantitative model for purchasing management in retail	144	Raquel Oliveira	Students' Index of Satisfaction in Engineering Courses in Portugal years 2016 and 2017	103	Ana Nata	The numerical range of a banded 3- Toeplitz operators in a Hilbert space	131	Flora Ferreira	Poincaré Plot in gait variability analysis
	150	Eliana Costa e Silva	Human-likeness statistical comparison of simulated robotic arm reaching movements	145	Luísa Novais	Assessing the number of components in mixtures of linear mixed models	124	Paulo Rebelo	An optimal control problem for a non autonomous SIR model for the Ebola virus	128	Cristina Dias	Inference for Structured Family
16:15						Coffee break +	Poster Se					
		Session A4		Parrallel Session B4				allel Session C4				
	Room Chair	Auditório 1 Luís Bandeira		Room Chair	Auditório 2 Domingos Silva	Modelling of nonstationary extremes in	Room Chair	Auditório 3 Milan Stehík				

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A stochastic unitusion process base on Brody curve Signal identification: wavelet trans and structure function analysis for satellite data

J. A. Pereira



POSTER SESSION - Saturday (May 12nd) 16:15-17:00

		5 \ 7								
147	Arminda Manuela Gonçalves	Comparison of time series forecasting methods: an application for retail sales								
148	Arminda Manuela Gonçalves	Determinants of Domestic Water Consumption: A Case Study in Northern Portugal								
157	Carla Francisco	Environmental stochasticity and woodland caribou populations: The effects of inter-annual variation in the number and size of fires								
115	Carla Santos	Achieving COBS from a balanced mixed model								
116	Carla Santos	Completing a random effects model for an imbedded linear regression								
109	Cheraitia Hassen	Modeling oil prices with non-stationary extreme values distribution: Model ARMA-GEV Case: Algeria (1973-2014)								
	Clara Grácio	SpectralClusteringToolsfore-LearningAnalitics								
140	Cristina Dias	Structured Families of Models								
127	Fátima De Almeida	Evaluation of the compatibilization role of organoclays on PA6/PP nanocomposites								
161	Fernanda Amélia	Exploring decision making on hospitality brands: emotional or rational factors								
119	Fernando Carapau	Three-dimensional velocity field for blood flow using the power-law viscosity function								
122	Gustavo Soutinho	Implementation of bootstrap methods for accuracyassessment of space-time data modelling								
106	Ivana Malá	LQ-moments for right censored data								
158	Maria José Varadinov	A critical analysis of the variables that affect the reverse logistics								
156	Susana Faria	Bootstrap approaches to analyze the significance of variance components in Poisson Mixed Models								



SOCIAL PROGRAM - Friday (May 11st) 14:00-19:00

14:00	ESTG departure
14:10	Mosteiro de Santa Maria de Pombeiro
15:00	Casa do Risco & Igreja Românica de Airães
16:15	Fábrica de Pão de Ló de Margaride
17:00	Terras de Felgueiras - Caves Felgueiras CRL
18:00	Santuário de Santa Quitéria
19:00	ESTG return
19:50	ESTG departure
20:00	Workshop Dinner - Restaurant Columbinus
23:00	ESTG return

Google Maps

ESTG - Escola Superior de Tecnologia e Gestão | Politécnico do Porto a Restaurante De carro 2,1 km, 5 min Columbinos, Lugar da Estradinha, 4610-311 Friande, Felgueiras

