

Wednesday 19

	09:00 – 09:20	Registration
	09:20 – 09:50	Opening session
Chair: Beatriz Snova	09:50 – 10:50	Christophe Croux TBA
	10:50 – 10:55	Short break
Chair: Paula Segura	10:55 – 11:15	Paula Terán Viadero The 2D cutting stock problem with variable-sized stock
	11:15 – 11:35	Sergio Vivó Sánchez Optimising Ryanair schedule
	11:35 – 12:00	Coffee break
Chair: Albert Solà	12:00 – 12:20	Esteban Cabello García Labour force indicators under bivariate Fay-Herriot model with correlated time and area effects
	12:20 – 12:40	Sofía Rodríguez Ballesteros Metaheuristics for the bi-objective RCPSP with time-dependent resource costs
	12:40 – 13:00	Pedro Martín-Chávez On the stationary distribution of non-local spatial branching processes with immigration
	13:00 – 13:20	Laura Davila Pena The connection scheduling problem
	13:20 – 13:30	Short break
Chair: Pedro Martín-Chávez	13:30 – 13:50	Patricia Ortega-Jiménez Conditional expectations given the sum of independent heavy-tailed random variables
	13:50 – 14:10	Ignacio Gómez-Casares Impact of domain reduction techniques in polynomial optimization: a computational study
	14:10 – 14:30	Carlos García Meixide Generative invariance: causal extrapolation without exogeneity
	14:30 – 16:00	Lunch at Auditorio de Galicia
Chair: Laura Davila	16:00 – 16:20	Iago Núñez Lugilde Sequencing games with batch-ordered jobs
	16:20 – 16:40	Álvaro Cia-Mina Optimal subdata selection for prediction of streaming data in linear models
	16:40 – 17:00	Alicia Mascareñas The Fesenthal power index for simple games with a priori unions
	17:00 – 17:20	Carlos de la Calle-Arroyo Augmented designs for discrimination between constant absolute vs relative error
	17:20 – 17:40	Water break
Chair: Carlos de la Calle-Arroyo	17:40 – 18:00	Francisco Martos-Barrachina Balancing palatability, sustainability and cost in the menu planning problem using a Wierzbicki achievement function
	18:00 – 18:20	Jesús Gutiérrez Botella Bayesian longitudinal Beta regression for heart failure competing risk models
	18:20 – 18:40	Daniel García-Vicuña Data-driven models to support decisions in critical care
	18:40 – 19:00	Daniel Corrales A decision analysis model for colorectal cancer screening
	19:00 – 19:20	Naomi Diz-Rosales Statistical inference in random slope mixed models for small area estimation
	19:20 – 20:00	Free time
	20:00 – 22:00	Welcome Cocktail

Thursday 20

Chair: Vanesa Guerrero	09:15 – 10:15	Federico Perea Time indexes and other discretizations: are they worth it?
	10:15 – 10:20	Short break
Chair: Patricia Ortega	10:20 – 10:40	Luis Alberto Rodríguez Ramirez On uniqueness of the set of k-means
	10:40 – 11:00	Marta Rodríguez Barreiro Optimal allocation of helicopters to firefighting operations: model and heuristic algorithm
	11:00 – 11:20	Diego Bolón High density region estimation for manifold data
	11:20 – 11:40	Coffee break
Chair: Luis Alberto Rodríguez	11:40 – 12:00	Victor Javier España Roch Integrating shape-restricted multivariate adaptive regression splines and random forest: methodology and applications
	12:00 – 12:20	María del Pilar González Barquero Survival analysis modelling for high-dimensional data
	12:20 – 12:40	Jasone Ramírez-Ayerbe A novel column generation framework for one-form-many counterfactual analysis
	12:40 – 13:00	Pablo García Arco A framework for adversarial regression
	13:00 – 13:10	Short break
Chair: Iago Núñez	13:10 – 13:30	Pablo Casas Cendon A distributionally robust optimisation approach to fair credit scoring
	13:30 – 13:50	María Bugallo Porto Temporal M-quantile models and robust bias-corrected small area predictors
	13:50 – 14:10	Nuria Gómez-Vargas A profit-driven churn prevention approach within predict-and-optimize
	14:10 – 14:30	Pedro Fonseca Digit analysis using Benford's law: a Bayesian approach
	14:30 – 15:50	Lunch at Auditorio de Galicia
Chair: Francisco Martos-Barrachina	15:50 – 16:10	Blanca Estela Monroy Castillo Covariance dependence in mixture cure models using distance correlation
	16:10 – 16:30	Álvaro Díaz Pérez "MLE approach for the clustered-state Markovian Arrival Process in recurrent processes with terminal event"
	16:30 – 16:50	Paula Segura Martínez A new formulation for the Chinese postman problem with load-dependent costs
	16:50 – 17:10	Adrián Lago Density-based tests for the k-sample problem with left-truncated data
	17:10 – 17:45	Free time
	17:45 – 20:00	City tour visit
	20:00 – 21:00	Free time
	21:00 –	Dinner

Friday 21

Chair: Elena Castilla	09:15 – 10:15	Lola Ugarte Exploring disease mapping: models and applications
	10:15 – 10:20	Short break
Chair: Daniel García Vicuña	10:20 – 10:40	Albert Solà Vilalta Optimal participation of energy communities in electricity markets under uncertainty. A multi-stage stochastic programming approach
	10:40 – 11:00	Lucía Bautista Bárcena Parameter estimation for a bivariate Wiener model subject to imperfect maintenance and varying observation strategies
	11:00 – 11:20	Zehang Li L1-approximation of supply curves
	11:20 – 11:45	Coffee break
Chair: Lucía Bautista	11:45 – 12:05	Iria Rodríguez Acevedo Classifiers based on minimum spanning trees
	12:05 – 12:25	María D. Guillén García Improving the estimation of production functions through machine learning: a gradient boosting approach
	12:25 – 12:45	Susana Rafaela Guimarães Martins Logistic regression and prediction methods with missing data
	12:45 – 13:05	Jorge C. Rella Cost-sensitive semi-parametric classification model
	13:05 – 13:15	Short break
Chair: Marta Baldomero	13:15 – 14:15	María Paola Scaparra The role of OR in shaping resilient and sustainable communities: a case study and future prospects
	14:15 – 14:30	Closing session
	14:30 – 16:00	Lunch at Auditorio de Galicia
	16:00 – 20:00	Social activity
	20:00 – 22:00	Free time
	22:00 – 02:30	Dinner

Legend

Operations Research
Statistics
Operations Research and Statistics

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