

Programme of WCDANM | 2026

B02 - Building 02 (Rooms B1.10 (0.20) and B1.13 (0.31)), University of Minho (UM), Campus Azurém, Guimarães, Portugal (main building of the Campus)

B12 - Building 12, Room 2.0.1

Thursday, June 11th, 2026

Thursday, June 11th, 2026	
08:30–09:00	Registration: Building 12 - B12
09:00–10:00	Short Course: Room 2.0.1 - B12 Numerical Simulation and Inference for PDE-Based Biological Models Anuj Mubayi <i>Chair:</i> A. Manuela Gonçalves
10:00–10:30	<i>Coffee break:</i> Hall - B12
10:30–12:00	Short Course: Room 2.0.1 - B12 Numerical Simulation and Inference for PDE-Based Biological Models Anuj Mubayi <i>Chair:</i> A. Manuela Gonçalves
12:00–14:00	<i>Lunch time:</i> Building 04
Plenary Session: Room B1.10 - B02	
14:00–14:45	Jörg Henseler <i>Chair:</i> Rita Gaio
14:45–16:05	Parallel Sessions I
	Time Series Analysis Session in Memory of Jerzy Filus
	Room B1.10 - B02 Room B1.13 - B02
	<i>Chair: Rosário Ramos (Organiser)</i> <i>Chair: Milan Stehlík (Organiser)</i>
14:45–15:05	Magda Monteiro Milan Stehlík
15:05–15:25	Marco Costa Luís Grilo
15:25–15:45	Cristina Duarte Martin Schlather
15:45–16:05	Rosário Ramos Lídia Filus
16:05–16:35	<i>Coffee break:</i> Hall of the main building - B02
16:35–17:35	Parallel Sessions II
	Statistical Modelling in Health Very-high Order Methods to Address Science and Engineering Problems
	Room B1.10 - B02 Room B1.13 - B02
	<i>Chair: Adelaide Freitas</i> <i>Chair: Rui Pereira (Organiser)</i>
16:35–16:55	Carla Henriques Ricardo Costa

16:55–17:15	Rita Gaio	Stephane Clain
17:15–17:35	Gonçalo Jacinto	Teresa Malheiro

PSE Session: Room B1.10 - B02

17:35–18:05	Nuno Gomes <i>Chair:</i> Inês Sousa
-------------	---

19:00	Welcome Reception and <i>Verde de Honra</i>: Martins Sarmiento Museum
-------	---

Friday, June 12th, 2026

Friday, June 12th, 2026			
08:15–08:45	Registration: Building 02 - B02		
08:45–10:00	Short Course: Room B1.10 - B02 Structural Equation Modeling with Latent Variables and Formative Constructs Jörg Henseler <i>Chair: Luís Grilo</i>		
10:00–10:30	<i>Coffee break:</i> Hall of the main building - B02		
10:30–11:45	Short Course: Room B1.10 - B02 Structural Equation Modeling with Latent Variables and Formative Constructs Jörg Henseler <i>Chair: Luís Grilo</i>		
Plenary Session: Room B1.10 - B02			
11:45–12:30	Carlos A. Braumann <i>Chair: Luís Meira-Machado</i>		
12:30–14:00	<i>Lunch time:</i> Building 04		
Plenary Session: Room B1.10 - B02			
14:00–14:45	Milan Stehlík <i>Chair: Luís Grilo</i>		
14:45–16:25	Parallel Sessions III		
	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> Biostatistics & Medical Statistics Room B1.10 - B02 <i>Chair: Tiago Domingues (Organiser)</i> </td> <td style="width: 50%; vertical-align: top;"> Multivariate Methods and Computational Inference Room B1.13 - B02 <i>Chair: Marta Ferreira</i> </td> </tr> </table>	Biostatistics & Medical Statistics Room B1.10 - B02 <i>Chair: Tiago Domingues (Organiser)</i>	Multivariate Methods and Computational Inference Room B1.13 - B02 <i>Chair: Marta Ferreira</i>
Biostatistics & Medical Statistics Room B1.10 - B02 <i>Chair: Tiago Domingues (Organiser)</i>	Multivariate Methods and Computational Inference Room B1.13 - B02 <i>Chair: Marta Ferreira</i>		
14:45–15:05	Rafaela Rodrigues (<i>online</i>)		
15:05–15:25	Leonor Bacelar-Nicolau		
15:25–15:45	João Louro		
15:45–16:05	Paulo Nogueira		
16:05–16:25	Renato de Paula		
16:25–16:55	Coffee break & Poster Session I: Hall of the main building - B02		
17:05	Visit to Ducal Palace, Castle, Church of S. Miguel, and Largo da Oliveira		
18:30	Group Photo		
20:00	Conference Dinner (Vila Flor - Centro Cultural Vila Flor)		

Saturday, June 13th, 2026

Saturday, June 13th, 2026		
09:00–10:20	Parallel Sessions IV	
	Complex Time-To-Event Data Analysis	Statistical, Topological and Machine Learning Methods for Data Analysis
	Room B1.10 - B02	Room B1.13 - B02
	<i>Chair: Luís Meira-Machado</i>	<i>Chair: Eliana C. Silva (Organiser)</i>
09:00–09:20	Gustavo Soutinho	Fernanda Catarina Pereira
09:20–09:40	Carla Moreira	Cristina Lopes
09:40–10:00	Marta Sestelo	Tiago Gil Fernandes
10:00–10:20	Luís Meira-Machado	Flora Ferreira
<hr/> <hr/>		
10:20–11:05	Coffee break & Poster Session II: Hall of the main building - B02	
<hr/> <hr/>		
	Plenary Session: Room B1.10 - B02	
11:05–11:50	Anuj Mubayi <i>Chair: Milan Stehlík</i>	
<hr/>		
11:50–12:50	Parallel Sessions V	
	Risk and Decision Models	Applied Statistical Modelling
	Room B1.10 - B02	Room B1.13 - B02
	<i>Chair: Soraia Pereira</i>	<i>Chair: Susana Faria</i>
11:50–12:10	Irene Brito	Marta Azevedo
12:10–12:30	Beichen Liu	Luísa Novais
12:30–12:50	Sarada Ghosh (<i>online</i>)	Cecília Castro
<hr/>		
12:50	Poster Prize & Conference Closing Session: Room B1.10 - B02	
<hr/> <hr/>		

Poster Sessions

Poster Session I

Friday, June 12th, 2026, 16:25–16:55

No.	Author	Title
P01	Ana Borges	Forecasting and Interpretability of Bus Demand: An Application of SHAP in a Spatio-Temporal Context
P02	María Pilar Frías	Quadratic filter for multi-rate systems with missing measurements and packet dropouts
P03	Beatriz H. Comparado	Weighting for improved Stochastic Gradient Boosting in Genomic Prediction
P04	Célia Nunes	On the Algebraic Structure and Efficiency of Stair Nesting
P05	Hugo Guimarães	Ensuring High-Fidelity Data for LfD: The Importance of Shape-Based Anomaly Detection
P06	A. Manuela Gonçalves	Outliers in dynamic time series models: a robust approach to parameter estimation and Kalman filter
P07	Marta Ferreira	Evaluation of Estimation Methods for the Residual Tail Dependence Parameter
P08	Marta Ferreira	Tail Dependence in Extremes: Empirical TDC Sample Paths, Eye-ball Thresholding, and Evidence from European Banks
P09	Tiago Domingues	Integrating Logistic Regression and Machine Learning Algorithms to Predict Postpartum Hemorrhage
P10	Sara Zuquete	From salivary modulation to biological absence: A systems approach to tick-induced susceptibility
P11	Manuel Fuente	Nonparametric methods for functional data homogenization

Poster Session II

Saturday, June 13th, 2026, 10:20–11:05

No.	Author	Title
P12	Nuno Brites	A Real Options Model for Harvesting
P13	Nuno Brites	A Spectral Approach to Structured Designs
P14	Filipa Pinto	Modeling Time to Syphilis Infection Using Interval-Censored Survival Data
P15	Flora Ferreira	A Topological Comparison of Uniform and Non-Uniform Embeddings for Weekly E-commerce Product Data
P16	Susana Faria	Latent Heterogeneity in Health Care Utilization Counts Using Negative Binomial Mixtures
P17	Susana Faria	Portuguese Fourth-Grade Students' Views of Scientists: A Statistical Analysis
P18	Carla Martinho	Learning analytics for early detection of difficulties in Mathematics: a data-driven decision support system for teachers
P19	Miguel Grilo	Statistical Assessment of Forced Exercise Effects under Demyelination
P20	Anita Ferreira	Spatial Analysis of Cancer Mortality in Portugal Using Autoregressive Random Forests
P21	Dora Gomes	A Computational Framework for Extremal Index Estimation
P22	Elsa Soares	A Comparative Study of Longitudinal Prediction Methods Using Simulated Data
