



# PROGRAM AT A GLANCE

Wednesday 17		Thursday 18		Friday 19	
8:30 9:00	Registration (H)				
9:00 10:00	Opening Session (S)	9:00 10:00	T1a   T1b	9:20 10:00	F1a   F1b
10:00 11:00	Plenary (b) Burcu Balçık	10:00 11:00	Plenary (b) Anthony Papavasiliou	10:00 11:00	Plenary (b) Vladimir Marianov
11:00 11:30	Coffee (T)	11:00 11:30	Photo and Coffee (T)	11:00 11:30	Coffee (T)
11:30 12:30	W1a   W1b	11:30 12:50	T2a   T2b	11:30 12:50	F2a   F2b
13:00 14:30	Lunch (C)	13:00 14:30	Lunch (C)	13:00 14:30	Lunch (C)
14:30 15:50	W2a   W2b	14:30 15:50	T3a   T3b	14:30 15:30	F3a   F3b
15:30 16:00	Coffee (T)	15:50 16:40	Spanish Network Location Session (I)	15:30 16:00	Coffee (T)
16:30 17:50	W3a   W3b			17:00 17:50	F4a   F4b
		18:00 21:00	Social activities		EWGLA Session (S)
20:00 22:00	Welcome Reception			20:30 22:30	Gala dinner

## Details of Locations

- (H) Hall Office and Seminar Building (2)
- (S) Auditorium (Salón de Actos) (2)
- (a) Room 1.20A, 1st Floor, Classroom Building (Aulario) (3)
- (b) Room 1.20B, 1st Floor, Classroom Building (Aulario) (3)
- (I) INDESS Auditorium (Salón de Actos) (4)
- (T) Cafeteria Terrace (5)
- (C) Cafeteria Dining Area (6)



Campus de Jerez main locations

## Wednesday, September 17, 2025 Parallel Sessions Overview

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### 11:30–12:50 W1a Discrete Location

- Tackling the discrete  $\alpha$ -neighbor  $p$ -center problem with integer programming. *Elisabeth Gaar*.
- On integer programming models for the obnoxious  $p$ -median problem. *Markus Sinnl*.
- An alternative Integer Programming formulation for the Linear Ordering Problem. *Alfredo Marín*.

### 11:30–12:30 W1b Applications

- Towards more sustainable Postal Supply Chains: a probabilistic approach to design Last-Mile Delivery Areas. *Antonio Diglio*.
- Redesigning Italian health districts within new primary care regulatory frameworks. *Andreana Ferraioli*.
- The Strategic Berth Template Problem with Uncertain Arrival Times. *Manuel Muñoz-Marquez*.

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### 14:30–15:50 W2a Capacitated Facility Location

- Enforcing Stability in Capacitated Facility Location Problems with Ordinal Customer Preferences. *Adam Dunajski*.
- Stable formulations for the Capacitated Facility Location Problem with Customer Preferences. *Juan de Dios Jaime Alcántara*.
- A capacitated facility location pricing problem with order. *Aitor Hernández*.
- Solution approaches for a fair multi-source capacitated facility location problem. *Juan-José Salazar-González*.

### 14:30–15:50 W2b Continuous Location

- Multiple Support Vector Machines based classifiers for multiclass classification. *Víctor Blanco*.
- A mathematical optimization approach for Multisphere Support Vector Data Description. *Raúl Páez*.
- Conditional Facility Location Problems with Continuous Demand and a Rapid Transit Line. *Thomas Byrne*.
- On geodesic problems in location analysis: location with distance dependent regions. *Justo Puerto*.

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### 16:30–17:50 W3a Discrete Location

- The Bounded Fixed-Charge Problem: A Compact and Tight Extended Formulation. *Kobe Grobßen*.
- Location of services in urban areas using presence data and GIS information. *Giuseppe Stecca*.
- Pattern-based Kernel Search for the Single-source Capacitated Facility Location Problem. *Hannah Bakker*.
- Stochastic facility location problem with outsourcing costs. *Eduardo Moreno*.

### 16:30–17:50 W3b Network Design

- Minmax location models for power system restoration problems. *Hatice Çalık*.
- Dynamic Programming and Block-Cut Tree Decompositions for the Maximum Covering Network Design Problem. *Felix Rauh*.
- Extending the  $\lambda$ -Cent-Dian concept in Network Design Problems. *Natividad González-Blanco*.
- The Multiple-Picker Order Assignment Routing Problem. *Elena Fernández*.

## Thursday, September 18, 2025 Parallel Sessions Overview

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### 9:00–10:00 T1a Location Routing

- Designing resilient networks: A robust approach to the location-routing problem. *Bruna Figueiredo*.
- A Location-Routing Problem with Customers' Delivery Preferences. *José Emmanuel Gómez-Rocha*.
- Resource balancing through route combination. *Maria Albareda-Sambola*.

### 9:00–10:00 T1b Network Design

- Deep-learning Aided Crowdshipping Network Design with External Delivery Vehicles. *Baříš Yıldız*
- Scheduled Service Network Design for Integrated Passenger and Freight Transportation. *Krissada Tundulyasaree*.
- Cargo allocation problem on road transport subject to driving-time regulations. *Antonio M. Rodríguez-Chía*.

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### 11:30–12:50 T2a Bilevel

- Order then optimize: a flexible modeling framework in Location Science. *Alberto Torrejon*.
- New generalized Stackelberg solutions in Security Games. *Francisco Temprano*.
- A Deterministic Utility Model for the Leader-Follower Competitive Facility Location Problem with Facility Attractiveness. *Julius Hoffmann*.
- Competitive bi-level facility location with levels of service and stochastic customers preferences. *Simona Mancini*.

### 11:30–12:50 T2b Hub Location

- Locating Sorting Modules in a Multi-Hub E-Commerce Logistics Network. *Zeynep Ezgi Kurban*.
- Study of parameter perturbations in the uncapacitated p-hub median location problem with Machine Learning. *Inigo Martin Melero*.
- Tight lower bounds for Multiple Allocation HLPs from two-index supermodular inequalities. *Nicolás Zerega*.
- A stochastic hub location and protection problem. *Armin Lüer-Villagra*.

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### 14:30–15:50 T3a Covering Location

- Enhancing Fairness in Emergency Medical Service: Single- and Bi-Objective Model Formulations. *Isabel Wiemer*.
- Maximal Covering Location Problem with Random Utilities for Urban Recycling: Modeling User Behavior and Bin Overflow Constraints. *Gonzalo Méndez-Vogel*.
- Preliminary results on the generalized vertex cover problem. *Juanjo Peiró*.
- Probabilistic Cooperative Coverage Location Problems: a Robust Optimization Approach. *Ioannis Giannikos*.

### 14:30–15:50 T3b Capacitated Facility Location

- A combinatorial branch-and-bound algorithm for the single-source capacitated facility location problem with strict customer preferences. *Sophia Wrede*.
- Combined risk attitudes in optimization models. *Juan M. Muñoz-Ocaña*.
- Optimal location of synchronization servers and robust radio base concentrator assignation in telecommunications networks. *Pedro Piñeyro*.
- A Capacitated Discrete Competitive Facility Location and Design Model with Two Customers Choice Rules Sequentially Applied. *Pascual Fernández*.

## Friday, September 19, 2025 Parallel Sessions Overview

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### 9:20–10:00 F1a Location Routing

- A Time Space Network Model for a Truck and Drones Delivery System with Battery Recharging and Variable Speeds. *Carlos Valverde*.
- Preemptive Drone Coverage Path Planning with Variable Altitudes. *Lavinia Amorosi*.

### 11:30–12:50 F2a Covering Location

- The Maximum Capture Facility Location with Random OWA Utilities. *Concepción Domínguez*.
- Upgrading on edges and facilities for the Multi-Type Maximal Covering Location Problem. *Ricardo Gázquez*.
- Integrating E-Scooters into Urban Mobility: Coupled Location Problems for Seamless Multimodal Transport. *Klara Hoffmann*.
- The Clustered Multimode Set Covering Problem. *Claudio Sterle*.

### 14:30–15:30 F3a Bilevel

- A bilevel model for locating garment recycling bins. *Dámaris Arizhay Dávila Soria*.
- Optimizing the Location of Waste Transfer Stations and Treatment Facilities for Sustainable Urban Solid Waste Management. *Krystel M. Rodríguez*.
- A Bilevel Approach to the Location-Routing Problem for PET Bottle Collection. *José-Fernando Camacho-Vallejo*.

### 16:00–17:00 F4a: Competitive Location

- A Stackelberg location game on the plane with equilibrium delivered prices. *José Fernández*.
- Collection points placement in urban delivery: A game-theoretic analysis of public and competitive strategies. *Fabio Mercurio*
- Competitive Location with NPV Maximization in a Discrete Setting: Comparing Sequential and Simultaneous Decisions. *Pedro Godinho*.

### 9:20–10:00 F1b Humanitarian Logistics

- Team Formation and Debris Assignment for Post-Disaster Search and Rescue Operations: An Operational Research Perspective. *Egehan Uğraş*.
- Logistics planning for post-disaster resilience assessment under uncertainty. *Jessica Rodríguez-Pereira*.

### 11:30–12:50 F2b Graph Theory

- New mixed-integer linear models for the 2-Layer Straight Line Crossing Minimization Problem. *Inmaculada Espejo*.
- Uniform partitioning problems and k-dimensional assignment. *Isabella Lari*.
- Optimal Mediated Graphs and Where to Find Them: Hidden Combinatorics Underneath Conic Algebraic Geometry. *Miguel Martínez-Antón*.
- Linear constraints for describing spanning trees representing complete linkage dendrograms. *Mercedes Landete*

### 14:30–15:30 F3b Applications

- A Multi-Objective Mixed Integer Linear Programming Model for In-Motion Charging Location Planning. *Mohammad Javad Eslami*.
- New Mathematical Models of Clustered Vehicle Routing Problem for the Waste Collection Process. *Yaren Çelik*.
- The Skip-Stop Problem in Public Transportation. *Anita Schöbel*.

### 16:00–16:40 F4b: Humanitarian Logistics

- Managing Involuntary Migration. *Melek Tuncel*.
- Bi-objective Location of Temporary Logistics Hubs for Enhancing Post-Disaster Relief Operations. *Serena Fugaro*.

## Wednesday, September 17, 2025 Welcome Reception Information

### Welcome Reception

We are pleased to invite all participants to the welcome reception, which will take place at 20h in the main patio of [Damajuana, c/ Francos 18.](#)

We look forward to seeing you there!



### Tapas

Salmorejo with/without ham  
Chicharrones de Cádiz (m)  
Cheese board  
Vegetarian chickpea salad  
Tortilla de patatas  
Montadito de pringá (m)  
Montadito vegetarian

*All the tapas are free from seafood, hazelnuts, strawberries, peaches, and walnuts. Other specific options such as lactose-free, gluten-free, dairy-Free, cilantro free are available upon request.*

*Dishes containing meat are indicated with (m). More options containing only fish or vegetarian will be available.*

### Drinks

Local sherry wines:  
Fino, Oloroso, Amontillado, Cream,  
Pedro Ximénez.  
Tinto de verano, White wine and  
Draft beer.  
Soft drinks and juices.

*You have been provided with three vouchers for refreshments.*

Wed. 17<sup>th</sup> Sept 2025

**ONE DRINK**

Damajuana

## Thursday, September 18, 2025 Social Activities Information

### Flamenco Cultural Activity

This activity is designed to immerse participants in the essence of flamenco - a unique expression of Andalusian identity that combines music, dance and deep emotion. The event will include an engaging talk-workshop offering historical and artistic insights into the flamenco tradition, followed by a short live performance by local artists. Founded in 1978, the Peña Flamenca Buena Gente is one of the most respected flamenco clubs in Jerez. This activity is organized by Tamara Pastora @tamarapastora.

### Winery visit and wine tasting

In this activity we will visit González Byass winery, one of the most renowned wineries in Jerez. We will explore the region's rich tradition of sherry-making, following the process from vineyard to barrel. Along the way, we'll discover the unique aging process and the cultural heritage behind each bottle. The tour ends with a guided tasting of several sherry styles, highlighting the diverse flavors that define Sherry wines. This activity is organized by González Byass.

Due to limited capacity for the visits, participants will be divided into two groups, with each group participating in the activities in alternating order. [The list is available here.](#)

#### Group 1

##### 18:00h Flamenco Cultural Activity

Location: [Peña Flamenca Buena Gente \(Plaza Basurto\)](#).  
Please arrive 10 minutes before.

##### 19:40h Winery visit and wine tasting

Location: González Byass Winery (Bodega Tío Pepe)  
[\(entrance at c/ Manuel María González\)](#).

#### Group 2

##### 18:00h Winery visit and wine tasting

Location: González Byass Winery (Bodega Tío Pepe)  
[\(entrance at c/ Manuel María González\)](#).  
Please arrive 10 minutes before.

##### 19:40h Flamenco Cultural Activity

Location: [Peña Flamenca Buena Gente \(Plaza Basurto\)](#).

## Friday, September 19, 2025 Conference Dinner Information

### Conference Dinner

We warmly invite all participants to the Conference Dinner, which will start at 20:30h at “Jardín de la Catedral”, the González Byass restaurant, located near the Cathedral. The entrance is on Plaza de la Encarnación.

We look forward to sharing this special evening with you.

### Starters

- Bull's tail Croquettes (m)  
Croquetas de rabo de toro
- Salmon Bonbon  
Bombón de salmón
- Cured Manchego Cheese  
Queso manchego
- Chistorra Cream with Quail Egg (m)  
Crema de chistorra y huevo frito
- Crispy Filo Parcels with Baby Eels and Aioli  
Saquitos de gulas y alioli
- Wild Mushroom Empanadas  
Empanadillas de setas
- Mini Stuffed Potato with Ibérico (m)  
Patatita rellena de ibérico
- Cuttlefish Fritter  
Buñuelo de choco en amarillo
- Crispy Leek  
Crujiente de puerros

### Drinks

- Wines from González Byass
- Soft drinks, coffee and infusions

### Mains

Salmorejo (*with optional tuna tartare*)  
Salmorejo (con tartar de atún opcional)

Ibérico Pork Cheek with Creamy Potatoes  
Carrillada de ibérico con cremoso de patatas (m)

Chocolate dessert with Mandarin Sorbet  
Suspiro de chocolate con sorbete de mandarina

*Dishes containing meat are indicated with (m). Main option containing only fish or vegetarian will be available.*



**LA BUGANVILIA**  
DECORACIÓN & CATERING