

# AICIA / YEAR Workshop “Port of the Future”

14<sup>th</sup>-15<sup>th</sup> September 2016

AICIA

Camino de los Descubrimientos s/n  
41092 Sevilla (Spain)

## DAY 1

Time	Session
15:00	<b>Welcome and Introduction to the Workshop</b>
15:10	<b>Session 1: Becoming the Port of the Future – Main challenges from the manager perspective (30 mins)</b> Ángel Pulido (General manager – Port Authority of Seville)
15:40	<b>Session 2: The R&amp;D axes to reach the Port of the Future (50 mins)</b> The future of Port Logistic Information - Javier Gallardo (General Manager – Portic) Port Management Systems - Christophe Joubert (Technical Program Manager, Ph.D. - Prodevelop)
16:30	<b>Session 3: Funding opportunities (15 mins)</b> <ul style="list-style-type: none"> <li>Presentation on the main funding programmes to face the previous challenges (e.g. H2020) Julio Dolado (Project Officer of European Union Programmes Division – CDTI) Delegato to Horizon 2020 Smart, green and integrated Transport</li> </ul>
Coffee break (15mins)	
17:00	<b>Session 4: Successful experiences (40mins)</b> <ul style="list-style-type: none"> <li>Presentation of two success stories (Tecnoport2025, MITIGATE/MEDUSA and other projects)</li> </ul>
17:40	<b>Session 5: Panel Discussion – Technological barriers and challenges (45 mins)</b> <ul style="list-style-type: none"> <li>Luis Onieva – Head of the Organization Engineering Group at AICIA</li> <li>Christophe Joubert – Technical Program Manager, Ph.D. at Prodevelop</li> <li>Carlos Ralli – Expert on IoT &amp; IPv6 Products at Telefónica</li> <li>Stefan Schauer – Security Expert and Senior Researcher at the Austrian Institute of Technology</li> </ul>
18:25	<b>End of Day 1</b>
20:30	<b>Social Event</b>

**DAY 2**

Time	Session
09:00	<b>Opening of the Workshop</b>
09:15	<b>Welcome and Introduction to the topic – The port of the Future</b>
09:30	<b>Young researchers’ presentation</b>
	<ul style="list-style-type: none"> <li>• Presentation on the main research lines of the attendees that could fit the topic.</li> </ul>
10:30	<b>World Café Discussion</b>
	<ul style="list-style-type: none"> <li>• Several group discussions on selected topics linked to the Port of the Future, among other: H2020 Call MG-7.3-2017 – The Port of the Future</li> <li>• 2 hours with coffee break</li> </ul>
12:30	<b>Wrap-up &amp; Conclusions of the workshop (30 mins)</b>
13:00	<b>Lunch</b>

**Annex:**

**For discussion: H2020 Call MG-7.3-2017 – The Port of the Future  
(From the H2020 workprogramme)**

<b>Types of action:</b>	RIA	<b>Deadline:</b>	26 January 2017 17:00:00
<b>DeadlineModel:</b>	two-stage	<b>2nd stage Deadline:</b>	19 October 2017 17:00:00
<b>Planned opening</b>	20 September 2016		

**Specific Challenge:** Ports are a major example of hubs' need for modernisation. Ports are essential for the European economy as a global player and for the internal market. They are a main catalyst for regional development and their optimisation and inclusion in the territory is fundamental to ensure that efficient operations will not affect negatively the surrounding areas. Specific issues (like dredging, emission reductions, and energy transition, incl. electrification, smart grids, and the use of renewables management and emissions) are combined with other challenges common to all multi-modal terminals.

**Scope:** Research is needed to implement new port concepts, new management models, and innovative design, engineering, construction and operation technologies solutions for full customer satisfaction. The topic is articulated in two parts:

Research and innovation actions should address several of the following aspects:

1. Multi-modal optimized cost-effective and flexible operations inside the terminal and in the wider port area. Re-engineering of port operational processes via process analysis and identification of interoperable ICT systems to improve the level of integration among all actors (Port Authorities, terminal operators, shipping companies, customs, security forces, etc.) and facilitate critical decision-making.
2. Sustainable maintenance, repair and reconfiguration.
3. Better capacity management with reduced costs and land use. Identification of real-time indicators to improve the quality of services provided.
4. Low environmental impact, climate change adaptation, and moves towards the circular economy.
5. Advanced and efficient links and integration in the socio-economic industrial and urban surrounding environment efficient connections with the hinterland transport network.
6. Efficient connections with the hinterland transport network contributing to an increased use of the most energy-efficient transport modes, in particular rail.

Inland waterways and short sea shipping ports deserve particular attention. Proposals should consider the possible transferability of solutions to other ports and multimodal hubs such as rail-freight terminals, inter-ports, airports and dry ports.

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## Registration

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The number of attendees to this event it is limited. Please register yourself [this link](#) using before the 12<sup>th</sup> of September 2016.

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## How to reach the venue?

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### **Workshop Venue:**

AICIA – Escuela Superior de Ingeniería, Camino de los Descubrimientos s/n, 41092 Sevilla



North West entrance  
(Recommended)

**Meeting room:**

Day 1: Southwest corner (SO) in the top floor (P2) – Room Salón de Grados



Day 2: Southwest corner (SO) in the top floor (P2) – Room Juan Larrañeta



**From the airport:**

Seville has an international airport located at about 10Km from the city.

**By the airport special bus shuttle**

**Fares:**

One-way ticket: €4. Return ticket: €6. Valid on the day of purchase. Journey with rechargeable pass: €4. You can buy tickets on board the bus.

**Timetable:**

To Seville: from 5:20 to 1:15. To the Airport: from 4:30 to 00:30. The service runs 365 days a year.

You can consult all arrivals and departures at the [Sevilla City Bus Transport website](http://www.sevillacitybus.com).

Get off the bus at the train station (Estación de Santa Justa) and take the bus in the entrance, line C2 to the School of Engineering (Stop: Juan Bautista Muñoz – Escuela de Ingenieros).

### By taxi

There is a flat fare to and from the airport. You can check rates for different services [here](#)

### Fares

**Fare 3.1** (From Monday to Friday, on weekdays from 07:00 to 21:00) **22.02€**

**Fare 3.2** (Working Monday to Friday from 00:00 to 07:00 h. and from 21:00 to 24:00 h. Saturdays, Sundays and holidays from 00:00 to 24:00 h.) **24.55€**

In services reserved by telephone or other means you would join what the taximeter to the point of collection to the passenger and a maximum equal to the value of the minimum stroke applicable in all times. This fee is meant to cover only the way from or to the airport. If other services are requested will operate the taximeter to the new destination.

### Supplements

For each case, as long as its exceed 55 x 40 x 20 cm., package or set of packages of more than 10 kg. (Excluding disabled chairs, baby buggies) ..... 0.49 € Departure from Santa Justa Station  
..... 1.40 €

Journeys from the airport to both the venue will take approximately 20min.

To book a taxi call +34 954580000

### **From Santa Justa Train Station:**

The high speed train connects Seville with Madrid in a 2h30mins journey approximately with a frequency of 1h aprox (from 6a.m to 9 p.m.).

There are also several trains a day from Malaga to Seville (journey: 2h30 aprox)  
<http://www.renfe.com/EN/viajeros/index.html>

Take the bus line C2 in front of the train station and get off at the stop “Juan Bautista Muñoz – Escuela de Ingenieros”. (one-way ticket 1,4€)

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### Accommodation

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*This is just a list with some suggestions. Seville is a very touristic place with an extensive accommodation offer.*

**1. NH PLAZA DE ARMAS \*\*\*\***

*Close to the historical centre. Well communicated with the venue by taxi. (3km. 10mins)*

<http://www.nh-hotels.com/nh/en/hotels/spain/seville/nh-plaza-de-armas.html>

**2. TRYP MACARENA \*\*\*\***

*Walking distance to the city centre and well communicated by bus with the venue (line C2 /C1 to/from the venue 20min aprox in rush hours, 12mins by car).*

<http://www.melia.com/en/hotels/spain/seville/tryp-sevilla-macarena-hotel/index.html>

**3. HOTEL EXE ISLA DE LA CARTUJA \*\*\*\***

*Walking distance to the School of Engineering but not very well communicated by bus with the historical centre (3-4km).*

<http://www.exeislacartuja.com/EN/hotel.html>

**4. HOTEL BARCELÓ RENACIMIENTO \*\*\*\***

*Walking distance to the School of Engineering but not very well communicated by bus with the historical centre (3-4km).*

[http://www.barcelo.com/BarceloHotels/en\\_GB/hotels/Spain/Seville/hotel-barcelo-renacimiento/general-description.aspx](http://www.barcelo.com/BarceloHotels/en_GB/hotels/Spain/Seville/hotel-barcelo-renacimiento/general-description.aspx)

**5. HOTEL CATALONIA SANTA JUSTA \*\*\*\***

*15 min walking to the historical centre and well communicated with the School of Engineering by bus (line C2/line C1 to/from the School of Engineering. Journey: 20min aprox).*

<http://www.hoteles-catalonia.com/en/home.jsp>

**6. HOTEL AYRE SEVILLA \*\*\*\***

*Almost in front of the train station is well communicated by bus with the city centre (line 21, 24, 27, 32) and the School of Engineering (line C2/line C1 to/from the School of Engineering. Journey: 25min aprox). There is also a train from Isla de la Cartuja to the train station but usually takes longer than the bus.*

<http://www.ayrehoteles.com/en/hotel-sevilla/>

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## Other useful information

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### Internet Connection

**SSID:** reinus-eventos

**Password:** irdabi16

### Hotels location:

[Link to the map](#)

### Urban bus fares (Tussam)

[Routes map](#)

- Single-ticket: 1.4€ (purchased at the bus)
- Touristic 1day-ticket\*: 5€
- Touristic 3day-ticket\*: 10€
- Pay as you go\*: minimum top up of the card 7€. Cost for a single-ticket: 0,69€

Purchase at TUSSAM official information points, at the train station, at the airport and in some hotels. 1.5€ fee is charged at purchase that it is refunded when returning the card to TUSSAM official information points.

### Taxi urban fares (Tussam)

Type	Minimum fare:	Per kilometre	Per hour waiting or stopped	Minimum journey
Fare 1.1	€1.33	€0.92	€20.15	€3.63
Fare 1.2	€1.62	€1.14	€25.20	€4.53

Fare 1.1 is applied from Monday to Friday (working days) from 7:00 to 21:00.

Fare 1.2 is applied from Monday to Friday from 21:00 to 7:00; Saturday, Sunday and holidays, from 0:00 to 24:00