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# CAPRIO

Dr. Javier Poncela

UNIVERSITY OF MÁLAGA, SPAIN



1. University of Málaga

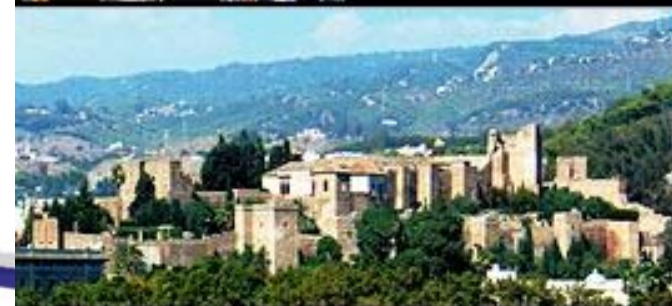
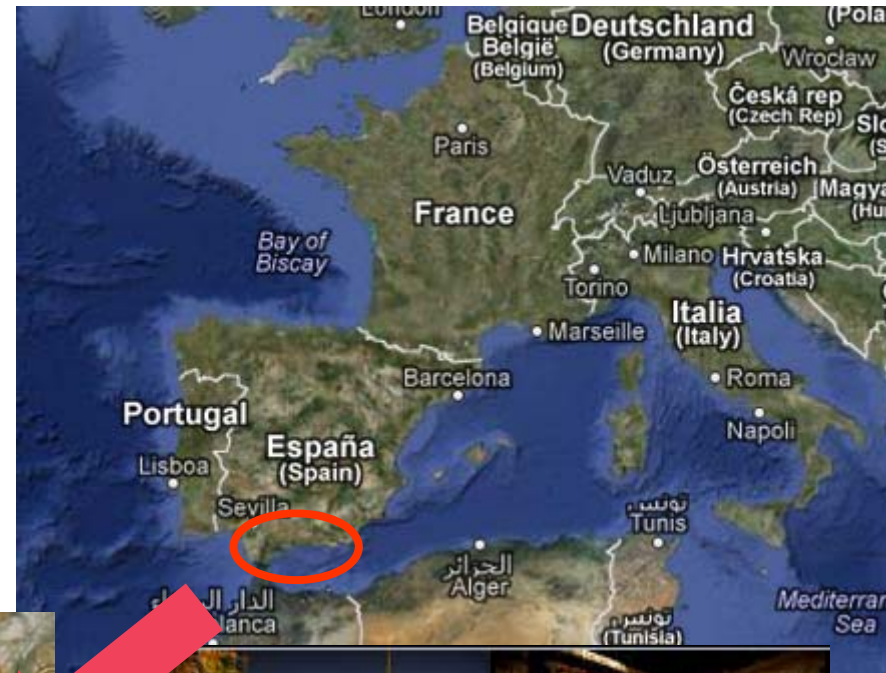
2. Project information

3. Call Details

# Málaga



- Fenicians, greek, romans, arabs, ...
  - Multicultural town
- 600.000 inhabitants
- Important Airport & Harbour
- Coastal town (Costa del Sol)



# University of Málaga



- 38.000 students
- Wide offer of studies
- Infrastructure
  - Intranet
  - Online support
  - WiFi in Campus
  - Libraries
  - Spanish courses
- Technological Park

[www.uma.es](http://www.uma.es)



# Studies



- Undergraduate
  - 240 ECTS (4 years)
- 15 weeks/semester
- 5 courses/semester
  - Sep-Feb + Feb-Jun
- Evaluation
  - Final exam (60-70%)
  - Mid-terms (20%)
  - Assignments (15%)
- Applications: Feb/Jun
- Graduate
  - 60-120 ECTS (1-2 years)
- Activities
  - Lectures
  - Experimental work
  - Oral presentations
  - Team work

Science  
Medicine Economics  
Engineering  
Arts Social Sciences  
Architecture LAW



## Undergraduate

1. Telecommunication Systems  
*Ranked 4<sup>th</sup>*
2. Telematics
3. Electronics
4. Audio and Video
5. Telecommunication Technologies  
*Ranked 5<sup>th</sup>*



## Graduate (Master)

1. Telecommunications (2y)
2. Telematics and Telecom. Networks (1y)  
*Ranked 2<sup>nd</sup>*
3. Electronic Systems for Smart Environments (1y)
4. Acoustic Engineering (1y)

## PhD

1. Telecommunications  
*Quality Award*



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**CAPRIO** is an international mobility project funded under the Erasmus+ Key Action 107.

Its aim is strengthening the already existing ties between University of Malaga and the Universities of Mehran and Sir Syed in Pakistan, in order to pursue joint research collaborations within the field of ICT

**Partners**

<b>ID</b>	<b>Institution</b>	<b>Acronym</b>	<b>City</b>	<b>Country</b>
EU-01	University of Malaga	UMA	Malaga	Spain
PK-01	Mehran University of Engineering & Technology	MUET	Jamshoro	Pakistan
PK-02	Sir Syed University of Engineering & Technology	SSUET	Karachi	Pakistan



# Grants: Spain → Pakistan



Type	Where to...	Duration (days)	Number	Travel	Individual support
Staff	Outgoing	7	4	3.280,00	4.480,00

## Target:

- Researchers who want to strengthen/initiate joint research lines with MUET or SSUET research groups

# Grants: Pakistan → Spain



Type	Incoming/ Outgoing	Duration	Number	Travel	Individual support
PhD & Master Students	Incoming	5-6 months	7	5.740,00	28.000,00
Staff	Incoming	7 days	4	3.280,00	4.480,00

## Target:

- Researchers who want to strengthen/initiate joint research lines with UMA research groups
- Students:
  - PhD: Carry out part of the PhD Thesis under supervision of one UMA researcher in one of the open research lines
  - Master: Carry out the Master Thesis in one of the open research lines

# Calls



- There will be three calls in the Project:
  - ❖ January 2017: open from 18<sup>th</sup> January until 3<sup>rd</sup> February
  - ❖ March 2017: open from 1<sup>st</sup> May until 31<sup>st</sup> May
  - ❖ October 2017: open from 1<sup>st</sup> October until 20<sup>th</sup> October
- Website: <http://www.etsit.uma.es/CAPRIO>

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**CAPRIO**

**INTRODUCTION**

**CAPRIO** (CAP Research Initiative) is an international mobility project funded under the Erasmus+ Key Action 107. Its aim is strengthening the already existing ties between University of Malaga and the Universities of Mehran and Sir Syed in Pakistan, in order to pursue joint research collaborations within the field of ICT. This initiative is led by Dr. Javier Poncela (UMA), Prof. Dr. Bhawani S. Chwodhry (MUET) and Dr. Muhammad Amir (SSUET).

Project: 2016-1-ES01-KA107-023881

**PROJECT INFORMATION**

**Partners**

**CAPRIO** is built upon a partnership of 3 universities (1 from Europe + 2 from Pakistan), with a solid collaboration background in the field of Telecommunications.

ID	Institution	Acronym	City	Country	Web
EU-01	University of Malaga	UMA	Malaga	Spain	<a href="http://www.uma.es">http://www.uma.es</a>
PK-01	Mehran University of Engineering & Technology	MUET	Jamshoro	Pakistan	<a href="http://www.mu.et.edu.pk">http://www.mu.et.edu.pk</a>
PK-02	Sir Syed University of Engineering & Technology	SSUET	Karachi	Pakistan	<a href="http://www.ssu.et.edu.pk">http://www.ssu.et.edu.pk</a>

**Máster SEEI**  
A distancia

**MÁSTER EN TELEMÁTICA Y REDES DE TELECOMUNICACIÓN**



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# Current Call – January 2017



Type of Activity	Incoming/Outgoing	Duration [days]	Duration [months]	Duration [additional days]	Nr. Grants	Travel	Individual Support
<b>HE-SMS-T</b> <b>STUDENT</b> mobility for Studies To/From Partner Countries	Incoming	n/a	5	0	2	820.00	4,000.00
<b>HE-STA-T</b> <b>STAFF</b> mobility for Teaching To/From Partner Countries	Outgoing	n/a	0	28	2	820.00	1,120.00
<b>HE-STA-T</b> <b>STAFF</b> mobility for Teaching To/From Partner Countries	Incoming	n/a	0	28	1	820.00	840.00

# Selection Criteria – PhD Students



Home Institution [HMI]		Host Institution [HSI]	
HMI1. Academic achievement (analytical) [0-100%] – GPA	10%	HSI1. Study/Work Plan – Explicit and showed interest in the area of study/work covered by the project. [0-100%]	40%
HMI2. Study/work plan -- Suitability, relevance in the context of the project, [0-100%]	40%	HSI2. Relevance – Suitability of the previous studies/work pursued at the Home Institution and its relevance within the scope of the project and the activities planned at the Host Institution. [0-100%]	25%
HMI3. Research publications. [0-100%]	40%	HSI3. Maturity of research PhD [0-100%]	25%
HMI4. CV -- Other academic/professional merits. [0-100%]	10%	HSI4. CV -- Languages (official certifications: e.g. TOEFL, IELTS, etc.) [0-100%]	10%
TOTAL HMI [THMI]: 100%		TOTAL HSI [THSI]: 100%	
<b>FINAL SCORE [FS_P] (WEIGHTED) = 0.5 * THMI + 0.5 * THSI</b>		<b>[0-100%]</b>	<b>FS_P</b>

# Selection Criteria – Master Students



Home Institution [HMI]		Host Institution [HSI]	
HMI1. Academic achievement (analytical) - GPA [0-100%]	40%	HSI1. Study/Work Plan – Explicit and showed interest in the area of study/work covered by the project. [0-100%]	50%
HMI2. Study/work plan -- Suitability, relevance in the context of the project, [0-100%]	40%	HSI2. Relevance – Suitability of the previous studies/work pursued at the Home Institution and its relevance within the scope of the project and the activities planned at the Host Institution. [0-100%]	35%
HMI3. CV -- Other academic/professional merits. [0-100%]	20%	HSI3. CV -- Languages (official certifications: e.g. TOEFL, IELTS, etc.) [0-100%]	15%
TOTAL HMI [THMI]:	100%	TOTAL HSI [THSI]:	100%
<b>FINAL SCORE [FS_M] (WEIGHTED) = 0.5 * THMI + 0.5 * THSI</b>		<b>[0-100%]</b>	<b>FS_M</b>

# Selection Criteria - Staff



Home Institution [HMI]		Host Institution [HSI]	
HMI1. Professional achievement (analytical) [0-100%]	20%	HSI3. Study/Work Plan – Explicit and showed interest in the area of study/work covered by the project. [0-100%]	25%
HMI2. Study/work plan -- Suitability, relevance in the context of the project, [0-100%]	25%	HSI2. Relevance – Suitability of the previous studies/work pursued at the Home Institution and its relevance within the scope of the project and the activities planned at the Host Institution. [0-100%]	40%
HMI3. Research publications. [0-100%]	40%	HSI3. Maturity of research [0-100%]	25%
HMI4. CV -- Other academic/professional merits. [0-100%]	15%	HSI4. CV -- Languages (official certifications: e.g. TOEFL, IELTS, etc.) [0-100%]	10%
TOTAL HMI [THMI]:	100%	TOTAL HSI [THSI]:	100%
<b>FINAL SCORE [FS_R] (WEIGHTED) = 0.5 * THMI + 0.5 * THSI</b>		<b>[0-100%]</b>	<b>FS_R</b>



# Prioritized Research Lines

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- Telecommunications
  - Acoustic underwater communications
  - Wireless sensor networks
  - Energy-Efficient receivers and transmitters
  - Image processing
  - Renewable energy generation
  - ...

# Contacts

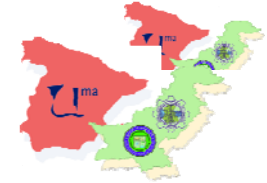


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Project website: <http://www.etsit.uma.es/CAPRIO>

Contact: [CAPRIO@etsit.uma.es](mailto:CAPRIO@etsit.uma.es)

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