

UNIVERSITY OF THE BALEARIC ISLANDS - PRESENTATION



EMJMD Master Programme on the Engineering of
Data-Intensive Intelligent Software Systems



With the support of the
Erasmus+ Programme
of the European Union



PRESENTATION: WHO ARE YOU?



Yolanda Gómara

Administrative Manager for
EDISS at UIB



Ramon Mas

- Head of Master in Intelligent Systems
- Professor at “Human-Computer Interaction”
- Research: Human-Computer Interaction, Explainable Artificial Intelligence systems for health and well-being



Julián Proenza

- EDISS coordinator at UIB
- Professor at “Distributed Embedded Systems and Domotics”
- Research: Dependable and Real-Time Systems, Fault-Tolerant Distributed Systems...



Sebastià Massanet

- Head of Master in Intelligent Systems
- Professor at “Computational Intelligence” and “Advanced Techniques in Data Mining”
- Research: Soft Computing, Image processing, Decision Making



01

Prestigious and renowned institution

Ranked in the top five Spanish universities for innovation, technological development and research quality, and in the top eight for teaching quality and innovation.

02

16000 students, 1700 professors/researchers

Thanks to the university's size and its philosophy, close direct contact with all UIB staff is a reality.

03

A young but very old university

Founded 40 years ago, its foundations date back to five centuries ago with the Ramon Llull Study Center.

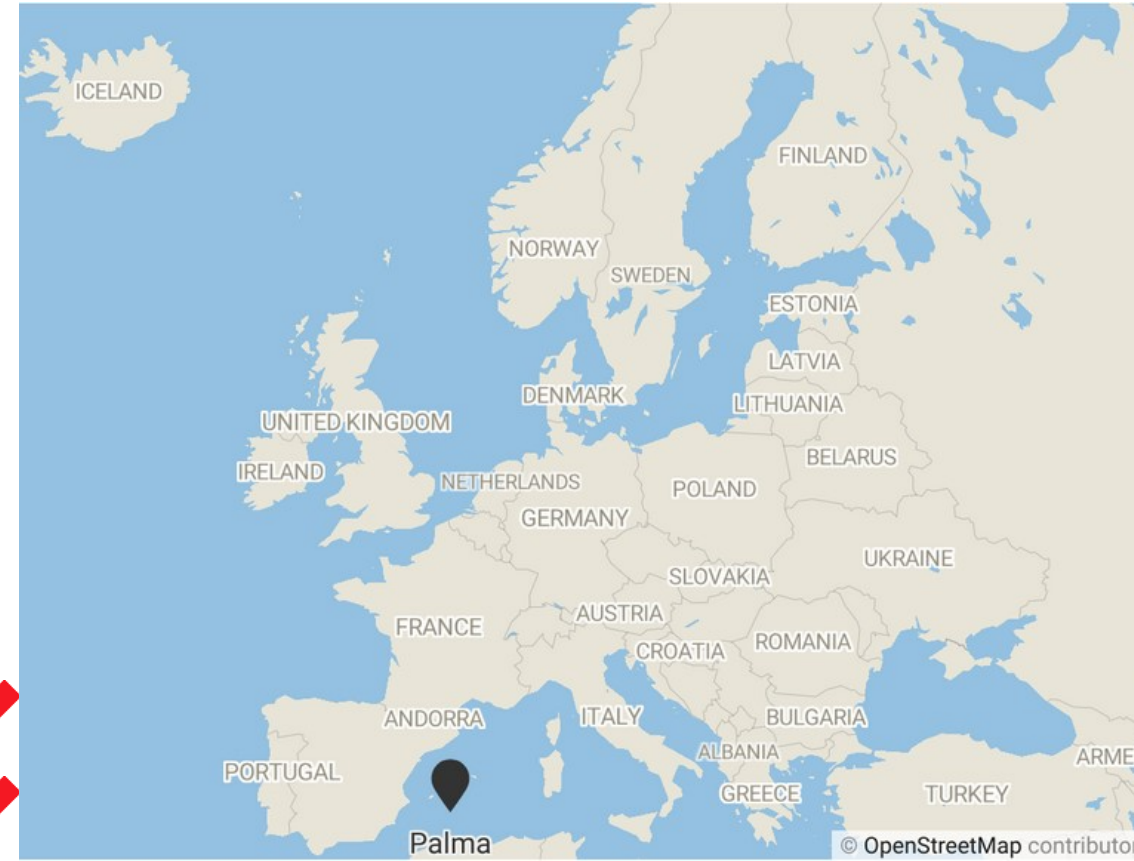


Universitat
de les Illes Balears



PALMA, SPAIN

UIB is located at Palma in Mallorca (Balearic Islands, Spain), a privileged Mediterranean island.



Second-year specialisation in Computer Vision and Intelligent Systems

Scientific Research Methodology (3 – Comp)

Scientific method, writing of a scientific paper.

Research Management and Innovation (3 – Comp)

Research projects, funding, intellectual property.

Storage and Data Recovery (6 – Comp)

Storage, management, cleaning of data.

Computer Vision and 3-D Reconstruction (6 – Comp)

Image formation, 3-D reconstruction.

Image and Video Analysis (6 – Comp)

Color images, object recognition, segmentation.

Elective Courses (6)

- Automatic Learning
- Computational Intelligence
- Complex Networks
- Mobile Robot Sensorization and Control
- Navigation and Environment Modelling in Mobile Robotics
- Distributed Embedded Systems and Domotics
- System Connectivity and Integration in IoT



Second-year specialisation in Computer Vision and Intelligent Systems

Image Indexing and Retrieval by Content (3 - Comp)

Image description, image indexing, advanced retrieval techniques.

Medical Image Processing (3 - Comp)

Types of medical image, corregistration, segmentation, applications.

Master's Thesis (18 - Comp)

Final project.

Elective Courses (6)

- Business Analytics
- Deep Learning
- Human-Computer Interactions
- Advanced Techniques in Data Mining
- Advanced Perception for Mobile Robotics
- Autonomous Smart Robots
- Data Analysis in IoT
- Application Areas of IoT





SIARQ
Advanced Solar Design

SIARQ Advanced Solar Design

Design, manufacture and commercialization of a new generation of solar infrastructure at the crossroad with lightning and data management.

trivago

Trivago Spain S.L.

Hotel finder, several projects in Marketing and Advertisement

juniper



innovating
travel
technology

Juniper Innovating Travel Technology

A technological company specialized in Tourism Sector developing solutions for the tourism industry. Huge amount of data management and applications of tourism product distribution optimization applying Big Data, and Machine Learning



The logo for habitissimo, with the word "habitissimo" in a grey sans-serif font, where the "i"s are colored yellow and blue.

Habitissimo

Company that connects homeowners and professionals from the construction and renovations sector. They use Data Engineering and Data Science.



Dome Consulting S.L.

Technology company focused on the tourism industry using data analytics.



IQUA Robotics

Manufactures Autonomous Underwater Vehicle (AUV) systems which can be adapted for a wide range of research and professional applications





Coronis Computing

Focused on development of computer vision and machine learning technologies for medical imaging.

Bitbrain

Pioneer in approaching brain-computer interface applications outside laboratory investigation settings. Bitbrain intensively uses machine learning and data analysis techniques to extract information from physiological recorded data.



STUDENT LIFE



Networks

Erasmus Student Network (ESN) of the UIB -

<https://esnbalears.org/>

Campus

Campus UIB, Crt. Valldemossa km. 7.5, 07122-Palma, Spain

12 buildings, surface: 1 sq. km.

CampusEsport - <https://www.campusesport.com/>

Links

UIB International Relations Office - <https://internacional.uib.eu/SRI/>

Erasmus Play - <https://erasmusplay.com/es/>

PalmaJove - <https://www.palmajove.es/>

UIB Cultural Service - <https://sac.uib.cat/>





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THANK YOU!

