



UNIVERSITAT
POLITÀCNICA
DE VALÈNCIA

CAMPUS DE GÀNDIA



RESEARCH ON THE CAMPUS GÀNDIA



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R&D&I Collaboration

RESEARCH ACTIVITY ON CAMPUS

▶ Video



Campus Gandia Researchers



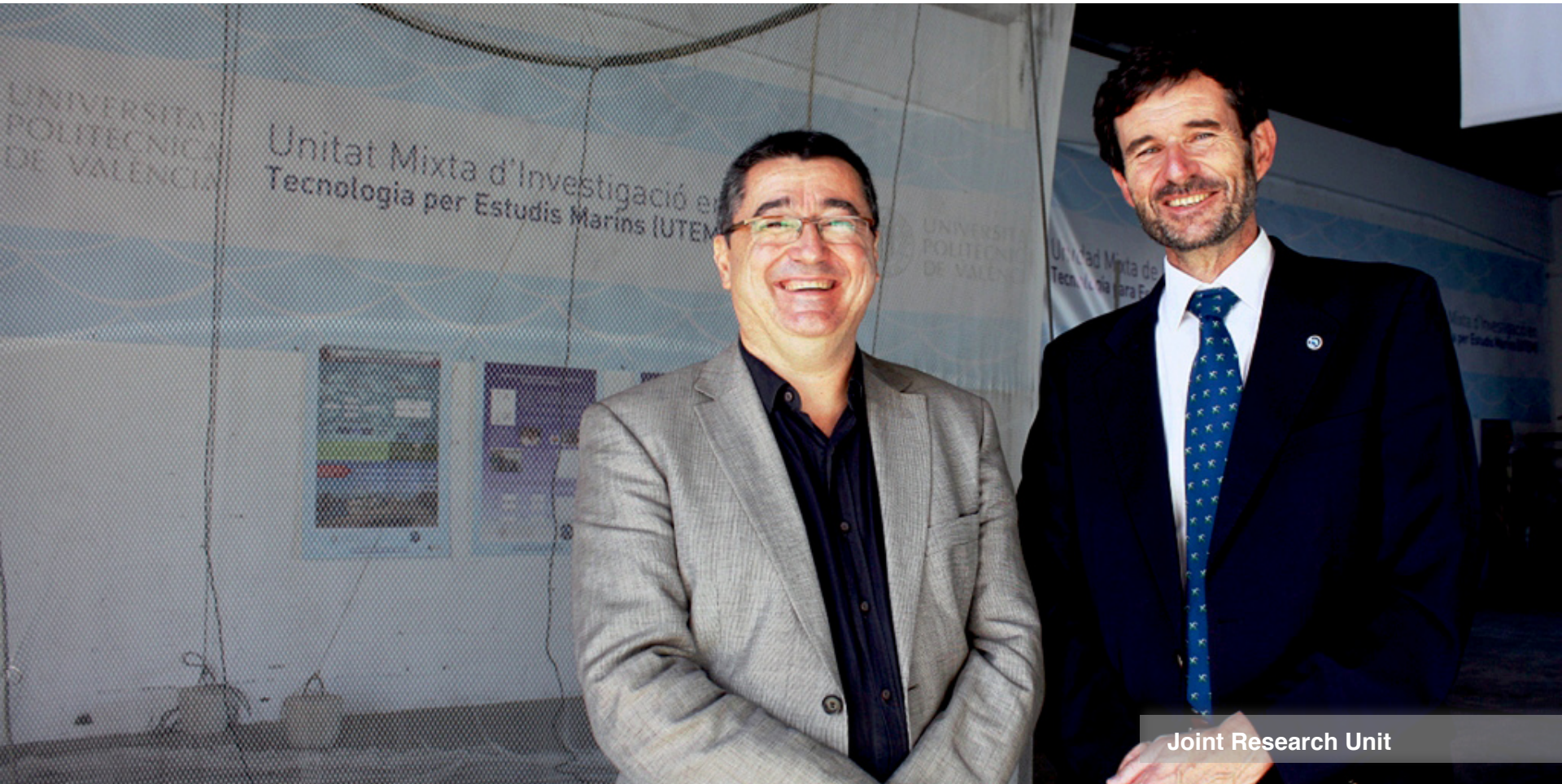
Involvement of IGIC Researchers in the "Antares" submarine neutrino telescope project

The Integrated Coastal Zone Management (ICZMI) Research Institute promotes and conducts quality scientific research on:

- Spatial planning
- Technological intervention tools
- Ecosystem monitoring

Objectives: facilitate the creation of a multidisciplinary work team that will increase the possibilities of conducting research projects and opens the doors to large-scale projects.

Made up of 70 Researchers from the Campus Gandia.



Joint Research Unit

The Marine Technology Joint Research Unit (UTEM) is located in the warehouses in the Port of Gandia.

It started operating in 2010 with the backing of the Gandia Town Hall and the collaboration of the Port Authority. It is made up of 50 researchers from the Polytechnic University of Valencia (UPV) and 25 researchers from the Spanish Institute of Oceanography (IEO).

It works on the development of technological tools and new methodologies of study in:

- Aquaculture
- Marine environment biodiversity research
- Fishery resources



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Maryland Morant and Maria Jose Viñals are involved in different projects related to the cultural and natural heritage.

Research lines:

- Tourism design and management of natural heritage
- Product development and Web 2.0 marketing for tourism
- Historic resources for travel or destination brands
- Tourism design and management of cultural heritage
- Design and implementation of products for place marketing or promotion



Paco Martínez-Capel and his team conduct research in fresh waters and along the coasts



Research lines:

- Mathematical, statistical and computer modelling of dynamic systems
- Chemical pollution and ecotoxicology
- Detection of pesticides and other pollutants
- Biodiversity conservation in running waters
- Environmental and urban acoustics



Researchers with a new and more versatile acoustic screen model



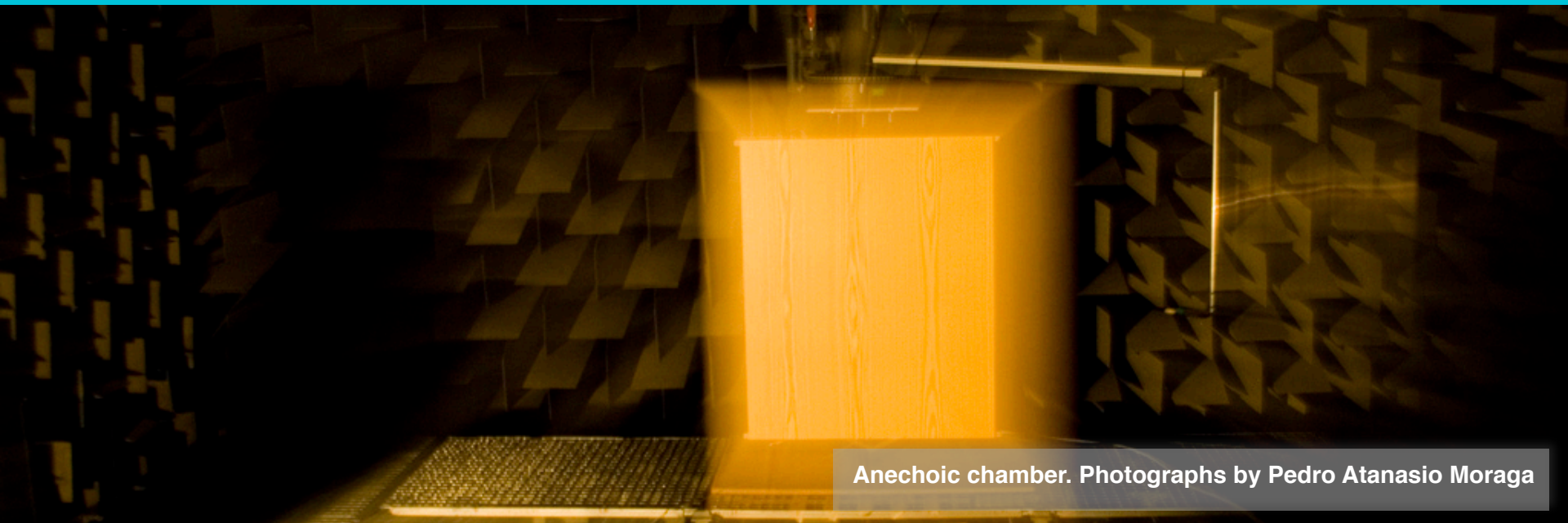
Francisco Toledo. Electronic system for the detection of subatomic particles

Main research lines:

- Ultrasonic acoustics and techniques
- Digital signal processing for wireless communication
- Development of sensor networks
- New internet-related standards
- Detection and analysis of auricular fibrillation signals
- Electronic systems applied to the detection of subatomic particles

RESEARCH FACILITIES

▶ Video

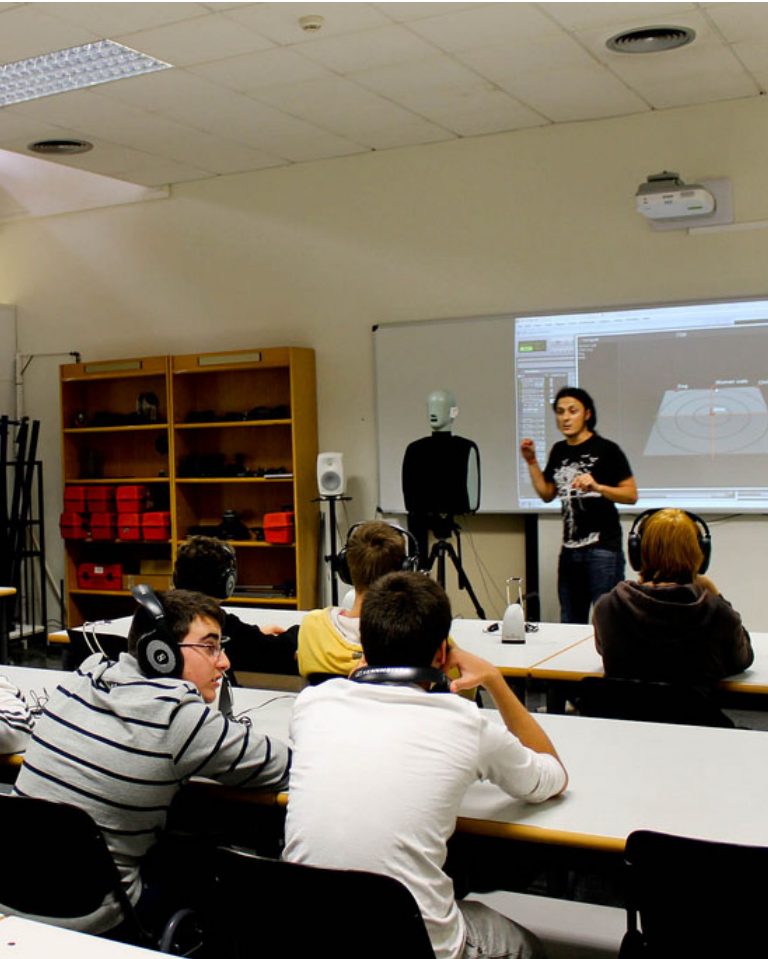


Anechoic chamber. Photographs by Pedro Atanasio Moraga

- Organisms Laboratory
- Biotechnology Laboratory
- Ecology and Soil Laboratory
- Nursery
- Mapping Laboratory
- Herbarium
- Aquaculture facilities
- Rockery



Telecommunications



- Photography Laboratory
- Television Laboratory
- Anechoic and reverberation acoustic chamber
- Telematics Laboratory
- Digital Signal Processing Laboratory
- Radio Laboratory
- Digital Electronic Systems Laboratory
- Microelectronics Laboratory
- Optics and Ultrasound Laboratory

- Multimedia Laboratory
- Animatic Laboratory
- Advanced Editing Laboratory
- Camera and Video Laboratory
- Radio and Television Studio



Chroma-Key Green Screen Studio

COMMUNICATING AND POPULARIZATING SCIENCE

▶ Video



Science Week 2012



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POPULARIZATION OF SCIENTIFIC INFORMATION

Main events that have taken place

- X National Aquaculture Conference(2005)
- 37th Edition of Tecniacustica-Spanish Acoustics Society (2006)
- Conference on Environmental Acoustics and Sustainable Acoustic Design in construction (2008-10)
- International Conference on Management Tools for Mediterranean Wetlands (2009)
- International Conference on European Projects, Tourism and New Technologies (2011)



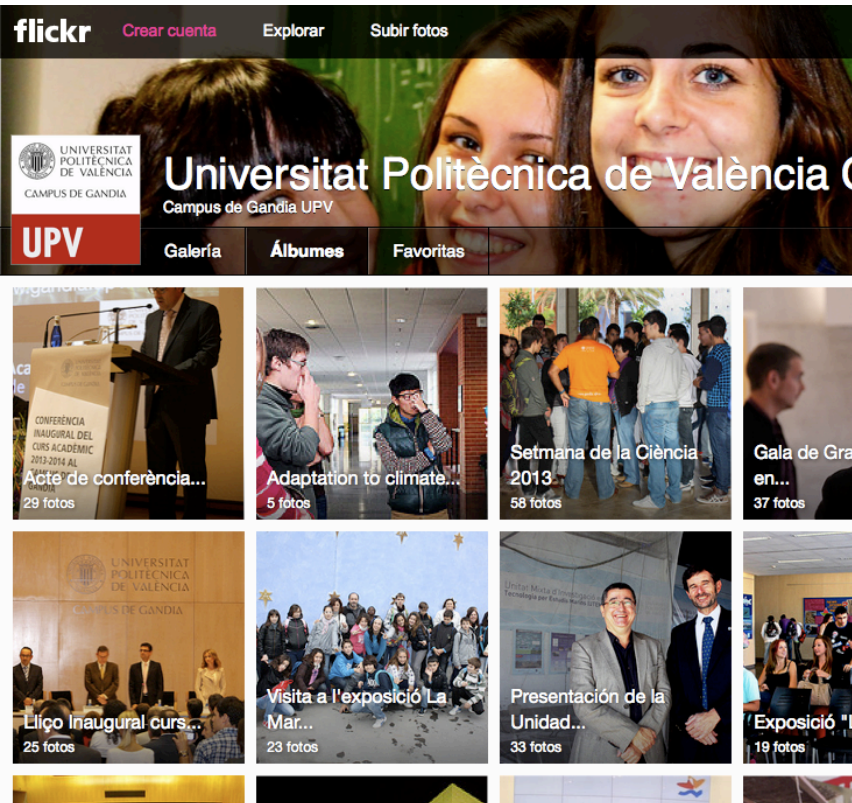
Posters from the National Aquaculture Conference

- **Science Week** (since 2005)
- **Comunica2.0 Conference** (since 2010)
- Scientific exhibitions (Fotciencia10, La Mar de Ciències...)
- #campusandtuits
- **I Fishing Conference of Gandia** (2013)



POPULARIZING SCIENCE

Most important actions



Flickr and YouTube Channels for the Campus Gandia



Most important actions

- **Press releases**: Dissemination of the research activity on Campus in collaboration with the Scientific Communication Unit of the UPV
- Production of scientific content for **Facebook** and **Twitter**
- Hashtag **#UPVGandiaCiencia**
- **Flickr**: Photo album compilation of the research activity



+ 3000 Likes



+ 2000 Followers



+ 300 photographs

Most important actions

- **Youtube:** Videos about research
- **Diary of a Young Researcher**
- **Telegrafies:** sections on science and research
- **Slideshare:** presentations and scientific documents



+ 60 Videos
+ 150 Subscribers

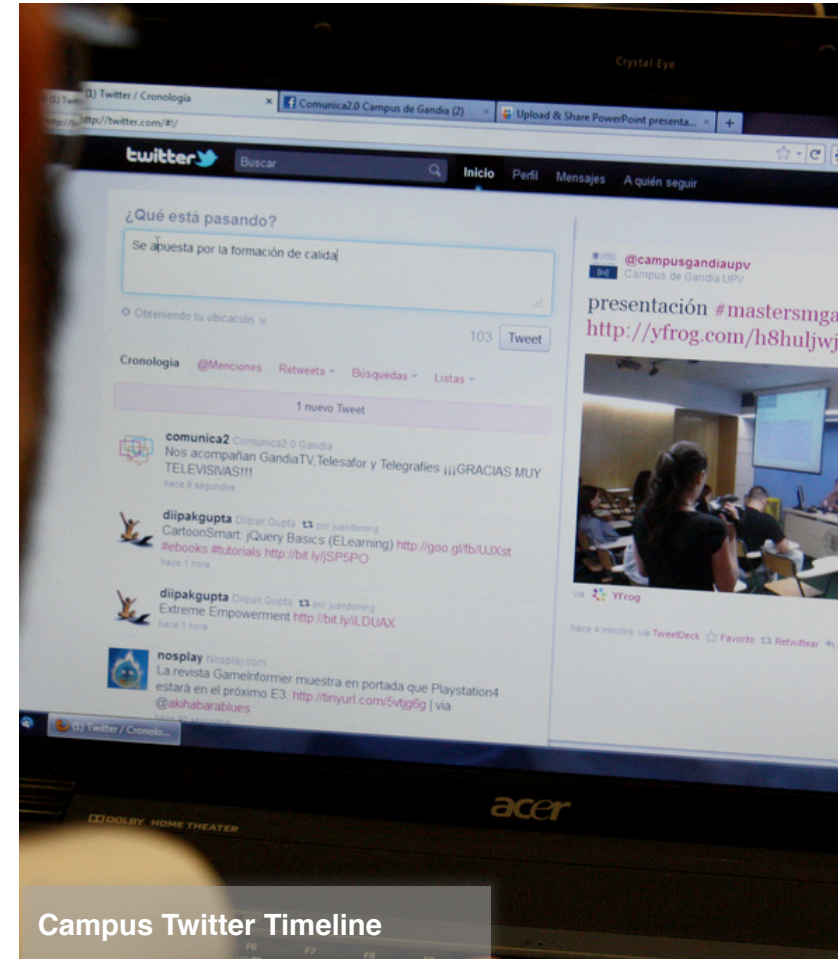


8 seasons
+ 175 programs

POPULARIZING SCIENCE

Most important actions for 2014

- Scientific web content
- Blog. Latest news about popularization
- Flickr. Scientific photographs
- Diary of a Researcher
- Invisible Female Scientists (RUVID)



Campus Twitter Timeline

R&D&I COLLABORATION



Doc



Lourdes Canós has developed an algorithm that allows users to know the level of employee motivation

Services offered

- R&D: for innovation plans for your company or institution's products, processes or services.
- Technical support: for solving technological problems and adapting to new technologies being incorporated in your company or institution.
- Transfer of results: new innovation opportunities for your company or institution to through licencing.

Benefits obtained

- Innovative solutions for your needs and tax incentives.
- Facilitates the technological innovation process through independent consultation.
- Through licensing, allow the use, manufacturing and/or merchandising of a product or innovative procedure.

Contact



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