



# Laia Crespo

**UB TECNIO Centres coordinator**

Universitat de Barcelona-FBG

## Bilateral Meetings

- Wednesday (10:00am - 12:00pm)
- Wednesday (12:00pm - 2:00pm)
- Wednesday (2:00pm - 4:00pm)

### Description

The Bosch i Gimpera Foundation (FBG) focuses on promoting and managing the transfer of the knowledge and technology generated at the University of Barcelona. Its goal is to bring the scientific and technical skills and the results of the research generated at the UB to the market by means of contracts for R+D+i, consultancy services and the protection, valuation and licensing of patents and the creation of new knowledge-based enterprises. As an agent of economic and social development, the University of Barcelona aims to facilitate the transfer of knowledge and the results of R+D+i to society. It thereby contributes to the business community's competitiveness and to improving social welfare; this is the University's third mission. The UB's staff includes more than 4,500 experts carrying out basic and applied research work, who are organised in more than 225 consolidated research groups. Our institution manages over 800 projects every year, and over 600 of these involve contracts with businesses and institutions. The FBG was created in 1983 and has become the catalyst for the link between the university, business and society. We have a team of committed and creative staff, consisting of fifty talented professionals who are flexible in the face of change. The goal of the FBG is to transfer the results of research and thereby to contribute to social and economic progress through innovation. These results are disseminated in various mutually compatible ways: contracted research, collaborative research, licensing of patents and business start-ups.

### Organization Type

University

### Organization Size

Yes, I need an Exhibition Visitor Pass Discount Code

### Areas of Activities

## TECHNOLOGY

1. sensors
2. Internet of things cloud
3. big data
4. visualization
5. geo information
6. data analysis

## **ENERGY**

1. renewables
2. storage

## **SUSTAINABLE CITY**

1. product cycle

Offer

### **Physics and computation of complex systems - University of Barcelona**

- Development of interactive home automation systems for comfort and security managed via mobile.
- RFID technology to control stocks in real-time.
- Study and modeling of the interaction and coupling systems of independent data, resulting in structures with new properties and functionalities.

Cooperation Offered

1. Technical co-operation

Offer

### **Computacional View BCN Perceptual Computing - University of Barcelona**

Processing and analysis of video, audio and other sensory data movement

Analysis of social signals . Analysis of nonverbal behavior .

Advanced analysis of medical images .

Multiple classifier systems . Learning online and active .

Detection and object recognition and shape analysis

Cooperation Offered

1. Technical co-operation

Offer

### **Cloud Computing - University of Barcelona**

- Computer networks, clouds and clusters.
- Aggregation in a single computer system resource from different sources.
- Software that provides a ready-to-use framework for distributed computing.
- Storage Solutions Remote interoperability.

Cooperation Offered

## 1. Technical co-operation

### Offer

#### **Microsystems Engineering (CEMIC) - University of Barcelona**

- Design, simulation and development of new sensors and actuators based on microelectronic technology.
- Design of interface circuits for sensors and actuators (A/D converters, RF communications, optical communications, field bus communications, power integrated circuits) using new mixed design techniques and microsystems technologies.
- Development of optoelectronic systems and telemeasurement and transmission Radiofrequency.
- Development of intelligent measurement and control systems using signal processing.

### Cooperation Offered

## 1. Technical co-operation