

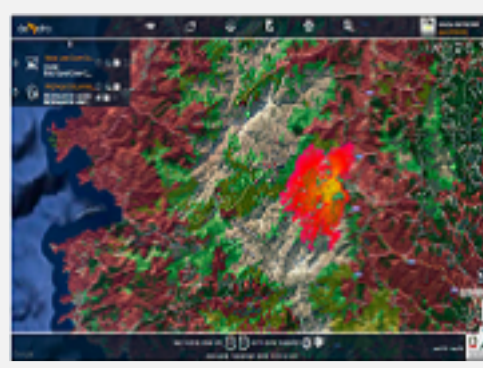


TECHNOLOGY MADE REAL



CIT
UPC
NEWS

Projects

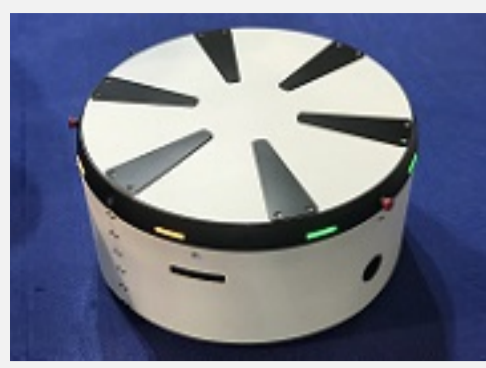


Energy and Environment:

ANYWHERE:
A response to extreme meteorological and climate events

CRAHI UPC is coordinating the ANYWHERE project, aimed at establishing a pan-European multi-hazard platform for faster analysis and anticipation of weather-induced risks prior to event occurrence. It will also improve response management in emergency situations...

[Read more](#)



Advanced manufacturing:

New omnidirectional rotation system

CDEI UPC has developed a new system for omnidirectional movement based on standard wheels. A specific mechanical and kinematic configuration allows 360° rotation, notably reduces repositioning time, and provides maximum flexibility to manoeuvre without restrictions...

[Read more](#)



Energy and Environment:

A converter more versatile for smart grids

CITCEA UPC has developed a 25-kVA power module for converters with silicon carbide technology to manage energy bidirectionally with switching frequencies of up to 30 kHz (currently, equipment reaches 15/20 kHz). Due to this high frequency, new functionalities...

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Activities CIT UPC



CIT UPC at the main world congress on smart cities

CIT UPC presents various technology prototypes at Smart City Expo World Congress, a leading event in the smart cities industry that brings together experts and suppliers in this field, and...

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CIT UPC Annual Report for 2017 is published

The Annual Report 2017 of the UPC's Center for Innovation and Technology (CIT UPC) is now available, a document that highlights the most relevant projects and institutional activities developed in 2017.

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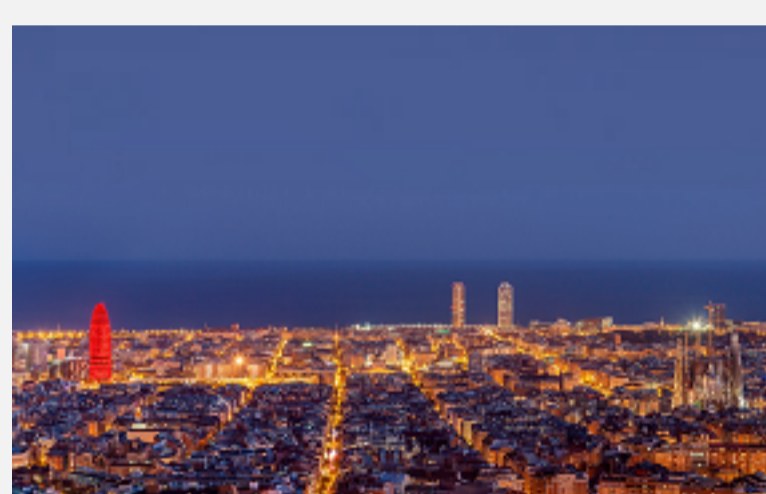


University - Business

The UPC and Siemens will work to promote digitalisation in the energy sector

The UPC and Siemens join forces to promote research into data analysis and artificial intelligence in the energy sector. The rector of the UPC, Francesc Torres...

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Technological capabilities

Smart Cities

We develop solutions related to areas such as: Smart Mobility, Data Science, Smart Grids, Electric Vehicles, Urban Planning, Emergency Management, Robotics, Waste Management, Renewable Energies, eHealth ...

[Read more](#)

CIT UPC Blog

Interview with Juan Antonio Ortega, codirector of MCIA UPC

We talk to Juan Antonio Ortega about technology and projects, particularly Data Driven Steel 4.0: an algorithm-based smart monitoring system that was created by a team of MCIA researchers and was a finalist in testbeds at the IoT Solutions World Congress 2018.



[Read more](#)

Highlights



CARNET wins the Catalan National Research Award for Public-Private Partnership

CARNET research and innovation hub, promoted by the UPC, Volkswagen Research and SEAT and focused on the automotive sector and future urban mobility, has received the Catalan National Award for Public-Private Research and Innovation 2017, given by the Catalan Foundation for Research and Innovation (FCRI)...

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Did you know...

Last week marked the 20th anniversary of the UPC Programa Innova, a pioneering programme in Catalonia and Spain focused on promoting the culture of innovation and an enterprising spirit among the university community. To date, the initiative has resulted in the creation of over 300 companies that have generated 4,500 jobs, over 500 patent applications, and over 200 licensed technologies derived from research.

Information of interest

- The NTU Ranking places the UPC among the top 125 universities in the world in engineering
- Subsidies to boost innovation in your company
- II Survey of social perception of innovation in Spain
- New survey report ITC 2016

Calendar



November 30



25-28 February 2019



2-6 September 2019

Contact us!

We aim to be a bridge of contact for all those who work in research and innovation. Feel free to participate by sending your news, comments, needs or any other relevant information that you want to share.



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