



CIT
UPC
NEWS

TECHNOLOGY MADE REAL

Projects



MOBILITY

A new paradigm to determine patterns of mobility in the city

InLab FIB, through CARNET, has carried out an analysis of patterns of mobility and associated processes that are determined through systematic interactions between transport systems and land uses.

[Read more](#)



ENVIRONMENT

Monitoring odour episodes in Vacarisses

The LCMA has signed a collaboration agreement with Vacarisses Town Council to carry out continuous monitoring of odour episodes that could occur in the municipality of Vacarisses.

[Read more](#)



MOBILITY

A new generation of batteries to move towards greener mobility

The Research Center PERC is participating in the international project HELIOS, to develop a new concept of smart, modular, adaptable battery for electric vehicles.

[Read more](#)

Activities CIT UPC



The UPC at the Smart City Expo World Congress 2021

Once again, the Universitat Politècnica de Catalunya (UPC), through CIT UPC, will be at the Smart City Expo World Congress (SCEWC), which will take place in Barcelona at the Fira de Barcelona, Recinte Gran Via, between 16 and 18 November.

[Read more](#)



Second meeting of the Open Innovation Forum 2021

On 1 and 2 December, the second meeting of the 4th edition of the Open Innovation Forum 2021 will take place. This programme brings companies with technology challenges into contact with research groups in the BioRegion to provide solutions.

[Read more](#)



Spin-off

Audit the use of artificial intelligence in health

The research group B2SLab of the UPC has created the spin-off Vincer.AI, which was founded to become the first artificial intelligence (AI) auditing algorithm company in the health field.

[Read more](#)



Technological capabilities

Virtual Reality and Augmented Reality

UPC develops virtual and augmented reality and immersive interaction technologies relating to Serious Games, modelling and animation in 2D and 3D, virtual human and crowd animation, among others.

[Read more](#)

CIT UPC Blog

We interview Robert Griñó, professor at the UPC and member of the CARNET Academic Committee

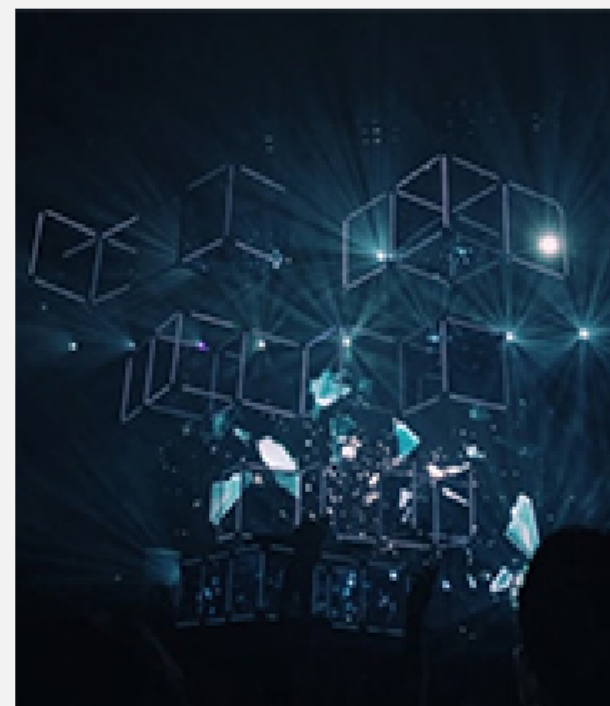
"Production costs prevent hydrogen from being a source of fuel for conventional vehicles at the moment"

Associate professor of the Department of Automatic Control (ESAI) of the UPC, and director of the Institute of Industrial and Control Engineering (IOC), Robert Griñó researches feedback control systems and is a member of the Academic Committee of CARNET, the mobility hub promoted by the UPC, SEAT and Volkswagen, and coordinated by CIT UPC.



[Read more](#)

Highlights



Three CREB projects at the UPC win awards in the CaixaResearch Validate 2021 programme

Three CREB projects at the UPC have won awards in La Caixa Foundation's CaixaResearch Validate 2021 call. These are the Virtual Perfusionist, MV-Optimizer and the spin-off Vincer.AI, to certify artificial intelligence systems.

[Read more](#)



Did you know...

The new edition of the QS Graduate Employability Rankings highlights the results of UPC in two of the indicators that were analysed: collaborations between the university and the business world (employers), in which it is ranked twelfth in the world; and the graduate employment rate, in which it is number 17 in the world. In the general classification, the university is among the 130 top universities in employability of its students.

[Read more](#)

Information of interest

- [CYD 2020 report \(ES\)](#) - CYD Foundation
- [State Plan for Scientific, Technical and Innovation Research 2021-2023 \(ES\)](#) - Ministry of Science and Innovation
- [Monitoring the open access policy of Horizon 2020 \(EN\)](#) - European Commission

Calendar



27 - 28 October



5 November



16 - 18 November

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