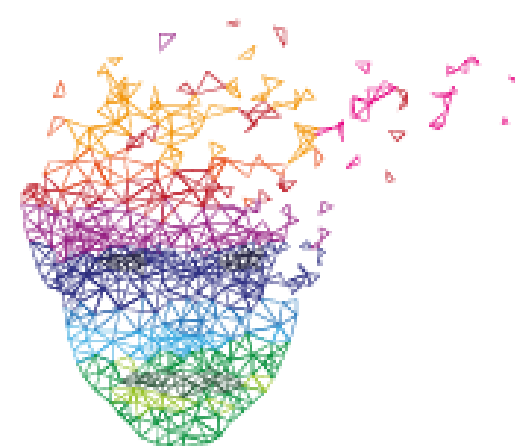




TECHNOLOGY MADE REAL



CIT UPC NEWS

Projects

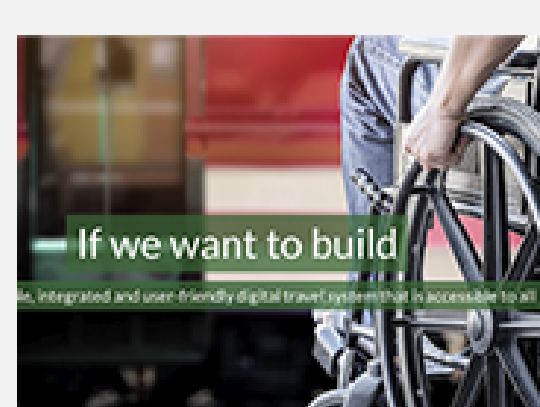


HEALTH

Implanted in a patient the first antitumor biomembrane

The INTEXTER has collaborated with the spin off Cebiotex and the Hospital Sant Joan de Déu to successfully implant the first anti-tumour biomembrane manufactured with...

[Read more](#)

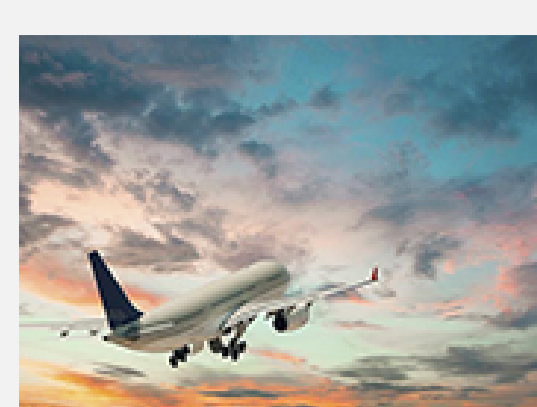


LOGISTICS AND MOBILITY

Promote a new digital system accessible to all urban mobility

The research group LESEC is working on the DIGNITY (Digital Transport in and for Society) project, whose aim is to promote a digital system with inclusive access for all urban mobility.

[Read more](#)



ICT

Artificial intelligence to increase air safety in storms

The research group ICARUS participates in the European START project, which combines big data and artificial intelligence to develop algorithms that can optimize the air traffic network when there...

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Activities CIT UPC



Innovation and technology, keys to the future of the yachting industry

CIT UPC and the Barcelona Clúster Nàutic have organised for 16 December the sector webinar "Innovation and technology: keys to the future of the yachting industry". This is a webinar aimed at agents in the sector who are responsible for the technology, production, quality and business of manufacturing and service companies.

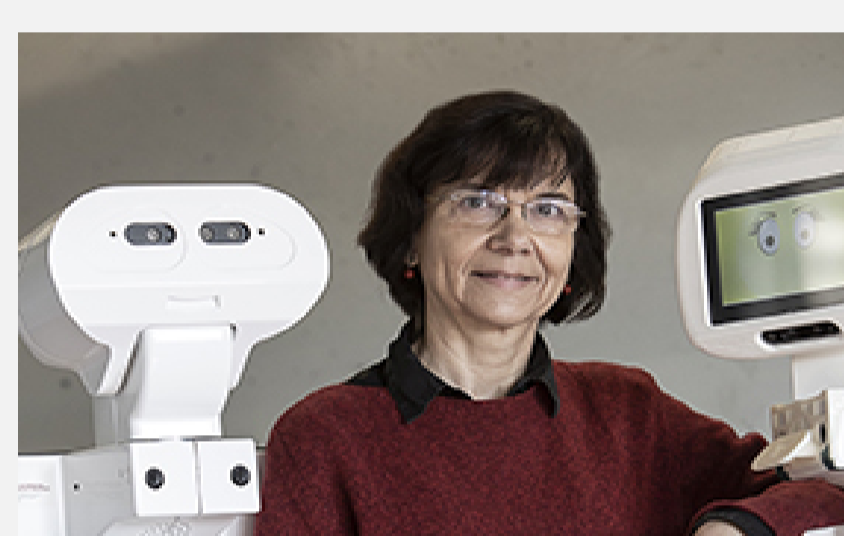
[Registrations](#)



The 1st Hack ARIADNA 2020 is held

CIT UPC, Y4TP and the rest of the members of the ARIADNA project consortium organised the first hackathon "1st Hack ARIADNA 2020", as part of the ARIADNA project. The main objective was to seek solutions and applications that, using GALILEO, can resolve the main challenges in the urban mobility and public transport sectors.

[Read more](#)



Researchers

Carme Torras, National Research Awards 2020

The Ministry of Science and Innovation has awarded Carme Torras, the researcher Carme Torras, from the IRI-CSIC-UPC, with the National "Julio Rey Pastor" Award, in the 2020 edition of the Spanish National Research Awards.

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Technological capabilities

Materials technologies

We develop technologies relating to the advanced characterization of materials and processes. We analyse defects and fault mechanisms, carry out experimental tests of structures and multiscale analysis of mechanical properties of materials and coatings.

[Read more](#)

CIT UPC Blog

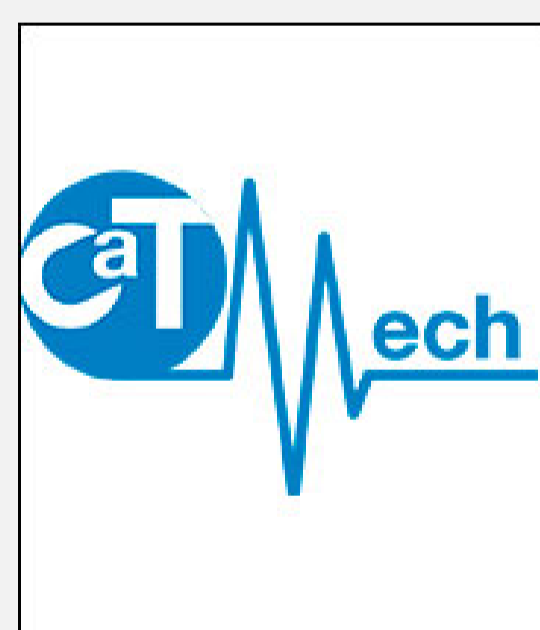
José Antonio Tornero. PhD in Engineering, lecturer at the UPC and researcher at INTEXTER

The news that the Hospital Sant Joan de Déu has successfully implanted an anti-tumoral biomembrane in a patient highlights the relevance of technology centres in the development of R&D projects, in this case that of the Institute of Textile Research and Industrial Cooperation of Terrassa (INTEXTER), which has been working on the technological part of the project since 2010. José Antonio Tornero, one of the architects of the success, explains how the device works and the leading role of the centre in its development.

[Read more](#)



Highlights



Research group CATMech is formed in the area of mechanical engineering

A new UPC research group called CATMech has been formed by merging the LABSON, the LEAM, and the LITEM. The three laboratories have extensive experience in industry-focused technological innovation in different areas of mechanical engineering.

[Read more](#)



Did you know...

Luis Romeral, director of the research centre Motion Control and Industrial Applications (MCIA), and Joseba Quevedo, director of the research centre for Supervision, Safety and Automatic Control (CS2AC), participated in enerTIC 2020 Live! events as part of the "INTELLIGENT INDUSTRIES & MOBILITY" talks on industry 4.0, sustainable mobility and energy efficiency.

CIT UPC is a member of the enerTIC platform.

[Read more](#)

Information of interest

- Knowledge Transfer Metrics - Towards a European-wide set of harmonised indicators (EN) - EUROPEAN UNION SCIENCE HUB
- OPEN INNOVATION MODELS: AN AUTONOMOUS PRESENTATION (ES) - FOUNDATION COTEC
- INDICATORS OF THE SPANISH SYSTEM OF SCIENCE, TECHNOLOGY AND INNOVATION - 2020 EDITION (ES) - ICONO OBSERVATORIO ESPAÑOL DE I+D

Calendar



16 December



17 - 18 February 2021



28 - 1 July 2021

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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