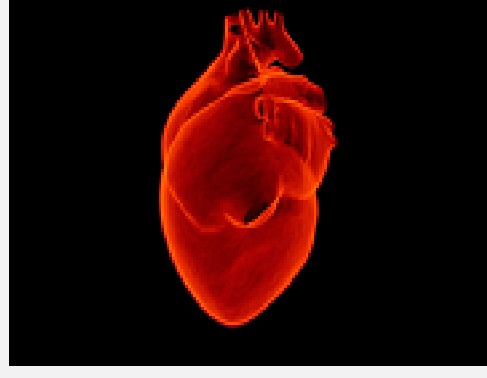




Projects



Health:
New technique to determine the extent of scarring after a myocardial infarction

Researchers in the Instrumentation and e-Health area of the Research Centre for Biomedical Engineering (CREB UPC), together with researchers from the Biomedical Research Networking Center on Cardiovascular Diseases (CIBERCV) of the Hospital de la Santa Creu i Sant Pau, Barcelona, have created a new...

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Advanced manufacturing:
Technologies for industrial laundry

The UPC and the company Girbau have extended for three years the Girbau Group Chair in research and innovation in industrial laundry technology, to promote activities of research, innovation, technology transfer, and training. The renewal of this Chair, which was created in February 2012, consolidates collaboration between Girbau and the UPC in research...

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Industry 4.0:
Smart monitoring of metallurgy plants in the CELSA Group

MCIA UPC, in collaboration with IThinkUPC, has developed a smart monitoring system for metallurgy plants in the CELSA Group based on an industrial internet of things (IIoT) platform. The CELSA Group is comprised of eight large steel and metal plate rolling companies in various countries...

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Activities



The UPC shows its projects and capabilities at the second edition of Virtual Reality Market BCN 360°

On 27 and 28 April, the UPC, through the CIT UPC Technology Center, showed its technology capabilities and some of the projects developed in the virtual reality field at the second edition of the Virtual Reality Market BCN 360°.

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Smart Energy Congress 2018

CIT UPC took part as a collaborating entity in the Smart Energy Congress 2018 "Digital Transformation, Leading Energy Efficiency", organized by the EnerTIC Platform, which was held on 11-12 April. Smart Energy Congress is the annual European event at which leading consultants, energy companies, leaders in the technology industry, heads ...

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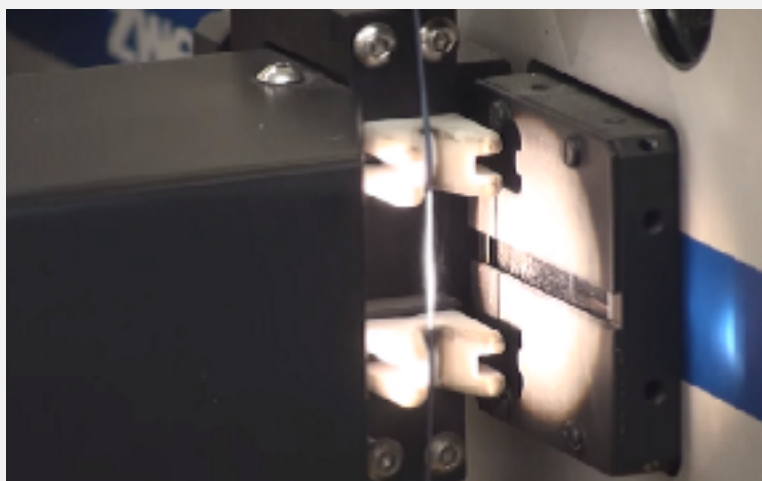


Workshop

WORKSHOP 'Improving technology transfer in Europe'

On 8 June, the CIT UPC Technology Centre will jointly organize a workshop entitled 'Improving Technology Transfer in Europe' as part of the Science2Society (S2S) European project. The aim of the event is to ...

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Technological capabilities

Multiscale testing of materials and structures

We are able to analyze faults and failure mechanisms, through experimental tests of structures and multiscale analysis of mechanical properties of materials and coatings applying static and dynamic tests at high temperatures.

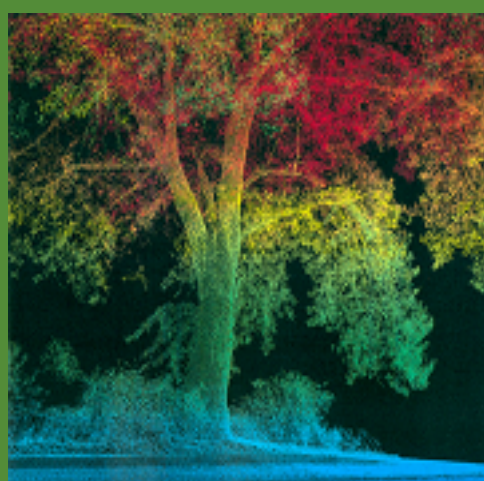
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This month at the CIT UPC blog...

LIDAR: The dimension of new knowledge

The image technology LIDAR/LADAR (Light/Laser Detection and Ranging) has become a benchmark as an advanced instrument for measuring significant distances and situations with no need for contact.

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Highlights



CARNET, ITS 2018 Urban Traffic Award

CARNET initiative received the ITS 2018 award in the Urban Traffic category for the Virtual Mobility Lab project. The award ceremony was held as part of the Seventeenth Spanish Conference on Intelligent Transport Systems organized by ITS Spain.

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Did you know...



INNOTEX Center / Intexter has a differential scanning calorimeter (DSC) device to determine the microstructure of textiles and synthetic fibres in particular, based on transitions such as the glass transition temperature, the crystallization and fusion temperature, the effective temperature of thermal treatments applied to the textile industry, decompositions, enthalpies of reaction, and determination of the degree of crystallinity. The results are useful to find out the microstructure of the textile and to relate it with the characteristic properties of the material (dye, resistance and shrinkage), or to undertake quality controls and inspections, among other tasks.



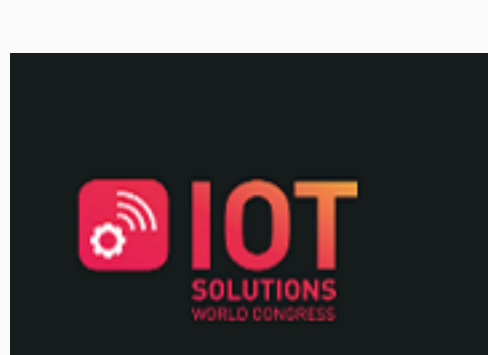
Information of interest

- The UPC is among the top 100 European universities in innovation
- Re-finding industry - Defining Innovation by the European Commission

Calendar



13-14 June



16-18 October



26-29 October

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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