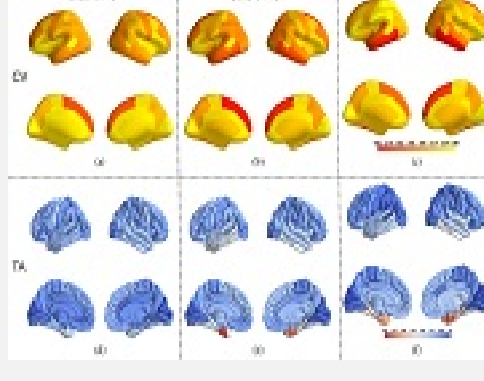




## Projects



### Health

#### Artificial intelligence to identify Alzheimer's patients in the early stages of the disease

A study undertaken by the Bioinformatics and Biomedical Signals group of the Research Centre for Biomedical Engineering (CREB UPC) focused on current and future diagnosis of Alzheimer's disease (AD) has identified and characterized cortical and subcortical areas of...

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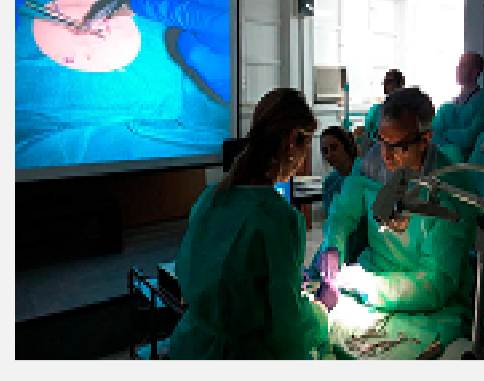


### Cibersecurity

#### Annual Privacy Forum 2018 in Barcelona

Through esCERT, a member of inLab-FIB, the UPC participated in the organization of the Annual Privacy Forum (APF) 2018 along with ENISA, the European Commission's DG Connect, and Telefónica. The event called on international experts in the privacy and data protection field to share progress in research and development, new...

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### Industry 4.0

#### SENTISIM: A surgery training platform

The Robotics and Vision area of CREB UPC has developed a training platform called SENTISIM in conjunction with the Clinical Management of Dermatology Unit at the Virgen Macarena University Hospital. SENTISIM is a hybrid device that combines physical apparatus that emulates the anatomy of the surgical field with the IT...

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## Activities



### Manel Xifra i Boada Award for CIT UPC Technology Center

The College of Industrial Engineers of Girona (CETIG) and Comexi have recognised the work of CIT UPC in the thirteenth edition of the Manel Xifra i Boada Awards, presented on 1 June. The UPC Rector, Francesc Torres, received the award during the ceremony of the thirteenth edition of the Awards, organised by the College of Industrial Engineers of Girona (CETIG) and Comexi.

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### Workshop 'Improving technology transfer in Europe'

On 8 June, CIT UPC jointly organized a workshop entitled 'Improving Technology Transfer in Europe' as part of the Science2Society (S2S) European project. The aim of the event was to provide a space for discussion and the exchange of technology transfer experiences through the pilot projects that are being developed in S2S.

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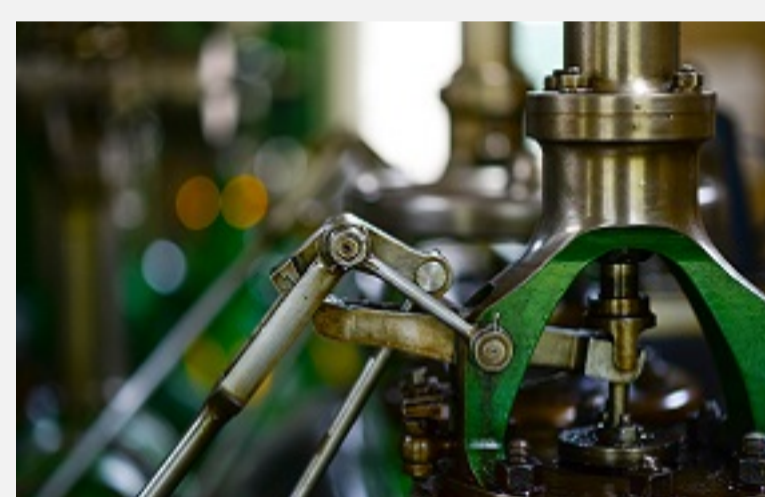


### Acknowledgments

#### Award to Data-Driven Steel 4.0 program

On Friday 1 June, the Data-Driven Steel 4.0 project program won second prize in the Industry Award 4.0, presented at the Industry Forum 4.0 organized by the Engineers of Catalonia's Industry Commission 4.0.

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### Technological capabilities

#### Sustainable manufacturing

We work in the management, monitoring and optimization of energy consumption, assessment of environmental impact and development of sustainable energy strategies.

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## CIT UPC blog

### Innovation on the horizon

The details of the new European Commission Framework Programme for Research and Innovation (Horizon Europe) are under discussion. The programme will be activated in a couple of years and will replace Horizon 2020, which is now in place.



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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...



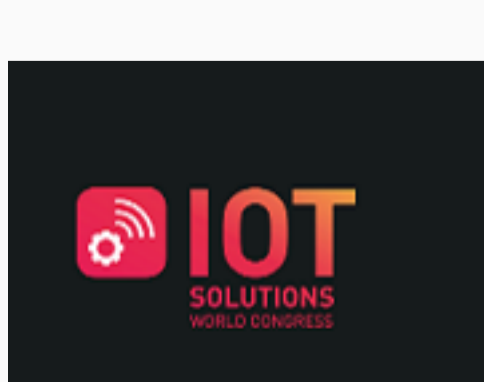
### Biometric technologies to manage migration at borders and airports

In 2008, MCIA UPC collaborated in the development of a biometric technology application to manage immigration at borders and airports. The app provides the validation and scientific and technical recommendations required so that a computer can interpret complex situations, beyond classic supervision of CCTV, such as a situation of general panic or recognize someone who loses consciousness. This application was developed as part of the Integra project, led by Telvent.

## Information of interest

- The UPC, among the top 30 young universities in the world in the QS Top 50 under 50 ranking'
- Cotec Report 2018
- European Innovation Scoreboard
- TECNIOspring PLUS Program

## Calendar



16-18 October



26-29 October



13-15 November

## 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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