Highlight on the Horizon

The details of the new European Commission Framework Programme 4.0 (Horizon 4.0), which will be activated in the coming years and will replace Horizon Europe, are under discussion. The programme will be the Commission’s main instrument to ensure Europe’s leadership in research and innovation on the horizon.

Workshop Improving Urban Mobility: Towards 5G

On 29 October, CIT UPC (Barcelona) organised a workshop to present the Mobi5G+ project. In this project, the group aims to simulate and analyse the mobile systems needed to support intelligent vehicles in the urban environment.

Acknowledgments

Award to Data-Driven Steel 4.0

On Friday 1 June, the Data-Driven Steel 4.0 project program won second prize in the thirteenth edition of the Annual Industry Award 4.0 organized by the College of Industrial Engineers of Catalonia’s Industry Forum 4.0.

Recognition of the Manel Xifra i Boada Award

The College of Industrial Engineers of Girona (CETIG) and Comexi have recognised the work of Francesc Torres, a member of the Research Centre for Biomedical Engineering (CREB UPC) focused on Bioinformatics and Artificial Intelligence. For his work, Francesc Torres has been awarded the Manel Xifra i Boada Award for Innovation in the Privacy and Data Protection field to share knowledge and experiences through the Privacy in Action Conference.

We work in the management, monitoring and optimization of energy consumption, and development of energy efficient systems as part of the project "InLab-FIB" organized by ITS Spain.

Urban Traffic category for the Virtual Mobility Lab CARNET, ITS 2018 Urban Traffic Award

On 26 October, the Virtual Mobility Lab CARNET organized the ITS 2018 Urban Traffic Award Award. UPC participated in the Annual Privacy Forum 2018 along with ENISA, the European Commission’s DG C3, and Telefónica. The event called on international experts in Cybersecurity, Connect, and Technology to share knowledge and experiences through the Privacy in Action Conference.

Biometric technologies to manage migration at borders and airports

Biometric technology application to manage immigration to a computer can interpret complex situations, and scientific and technical recommendations required at borders and airports. The app provides the validation of biometric technology application to manage immigration.

In 2008, the Ministry of Home Affairs had the initiative received the ITS 2018 award in the Transport Systems category. The award ceremony was held as part of the ITS World Congress organized by ITS Spain.

Carnet ITS 2018 Urban Traffic Award

The event called on international experts in Cybersecurity, Connect, and Technology to share knowledge and experiences through the Privacy in Action Conference.

The College of Industrial Engineers of Girona (CETIG) and Comexi have awarded Francesc Torres, a member of the Research Centre for Biomedical Engineering (CREB UPC) focused on Bioinformatics and Artificial Intelligence, the Manel Xifra i Boada Award for Innovation in the Privacy and Data Protection field to share knowledge and experiences through the Privacy in Action Conference.

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### Contact us

We are 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 to share.

<table>
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<tr>
<th>Projects</th>
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| Health: Artificial intelligence to identify Alzheimer's disease at the early stages of the disease. A study in mice by the Biomedical Signatures group of the Institut de Ciència de Materials de Barcelona (ICMAB) in collaboration with the University Hospital of Virgen Macarena in Seville.
| Industry 4.0: A strategic plan for the digital transformation of Catalonia's Industry. The UPC is an active participant in the Industry Forum 4.0, which organizes the thirteenth edition of the Awards, presented at the ceremony of the Manel Xifra i Boada Award for Innovation in the Privacy and Data Protection field.

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<th>Activities</th>
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| Magni E-Taxi: Award for an electric micro-transport technology. The College of vehicle technicians of Catalonia (CETIC) has recognized the work of CIT UPC for its Drone Taxi, which is based on the drones that the company will use to deliver goods.
| Workshop Improving Urban Mobility: Towards 5G: On 29 October, CIT UPC organized a workshop to present the Mobi5G+ project. In this project, the group aims to simulate and analyse the mobile systems needed to support intelligent vehicles in the urban environment.

<table>
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### Calendar

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Location</th>
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<tbody>
<tr>
<td>14 October</td>
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<td>...</td>
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<tr>
<td>29-30 October</td>
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