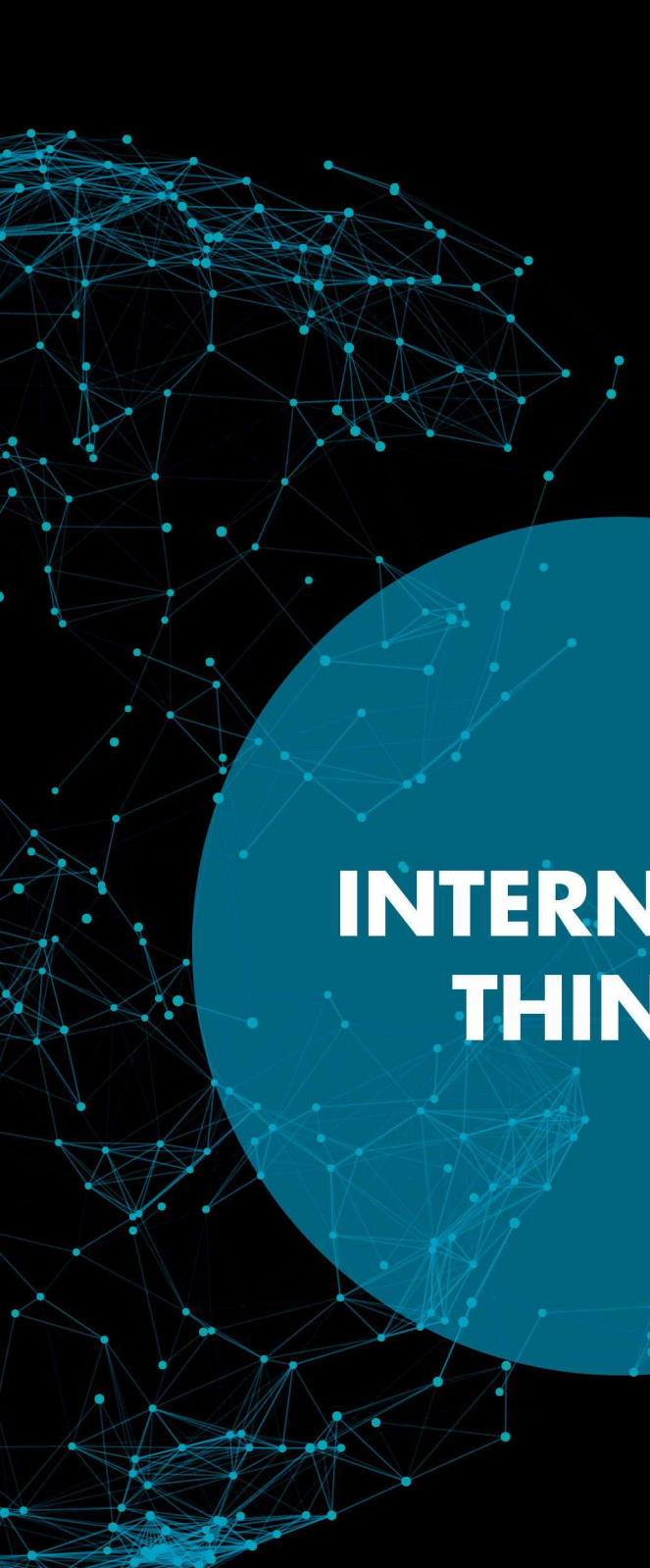


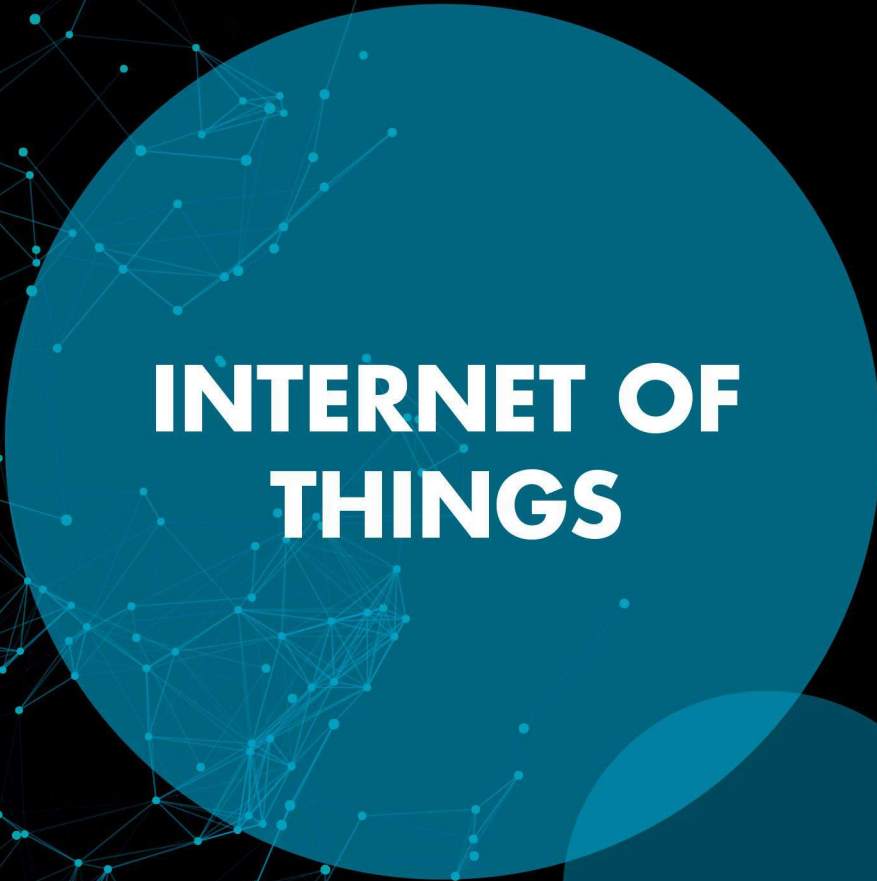
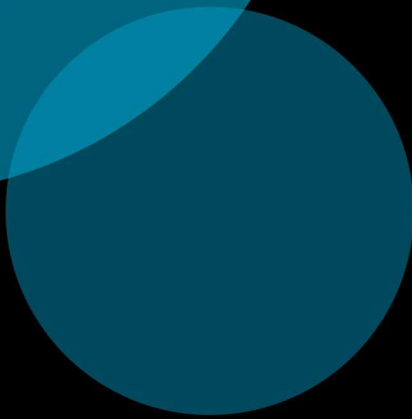


CENTRE D'INNOVACIÓ
I TECNOLOGIA

UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH

An abstract graphic on the left side of the page consists of a complex network of small blue dots connected by thin, light blue lines, forming a web-like structure that extends from the top left towards the center.

INTERNET OF THINGS

A large, solid blue circle is positioned in the center of the page, partially overlapping the network graphic on the left and the bottom right circle.A smaller, solid blue circle is located in the bottom right corner of the page, partially overlapping the large central circle.

RESEARCH, DEVELOPMENT & INNOVATION AT THE UNIVERSITAT POLITÈCNICA DE CATALUNYA (UPC)

The Universitat Politècnica de Catalunya (UPC) specializes in the areas of architecture, science and engineering, including the internet of things. In this field, the main focus areas are:

- Sensors
- Connectivity
- Data science

As a result of the UPC's recognized research track record in its areas of specialization, we can offer a wide range of services:

- R&D technology transfer projects
- Consortium for national and H2020 projects
- Patents
- Technology assessment
- Specialized facilities

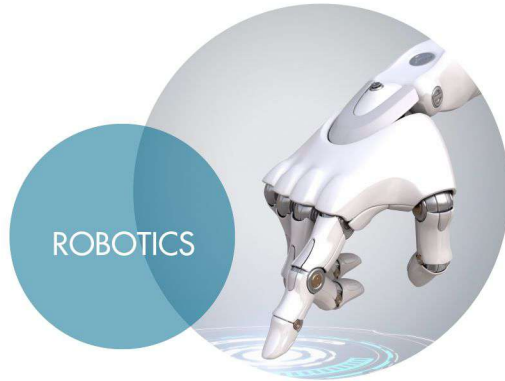
The UPC is the leading university in Spain in volume of research and technology transfer to companies, and has become one of the major hubs of knowledge in Southern Europe.



TECHNOLOGICAL CAPABILITIES



DRONES



ROBOTICS



WEARABLES

SENSORS

MANUFACTURING

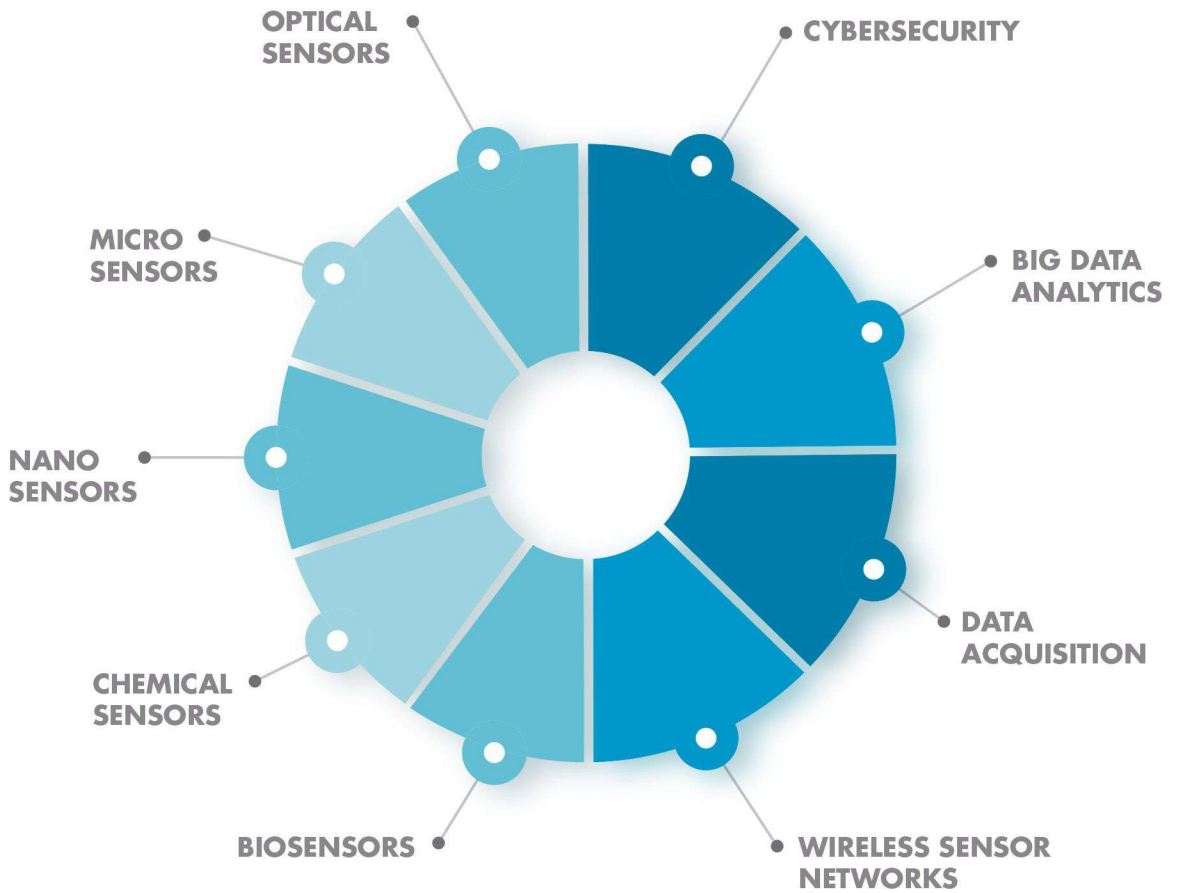


- Industrial automation
- Computer vision for quality control
- Additive manufacturing

MOBILITY



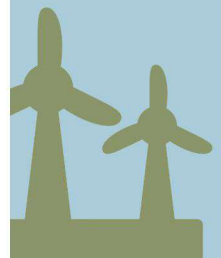
- Dynamic
- Public Tr
- New mo
- concepts
- Traffic s



HEALTHCARE



- Digital Health
- Biomechanics
- Patient Care
- Remote diagnostic
- Sport technologies
- Assisted living



c Routing
Transport
obility
s
simulation

CONNECTIVITY & DATA SCIENCE



CONSUMER
ELECTRONICS



AUTOMOTIVE

ENERGY

- Energy management
- Energy storage
- Smart grids
- Modelling & simulation

INDUSTRY 4.0



- Industrial communication
- HMI
- Collaborative robotics
- Logistics
- Cybersecurity

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