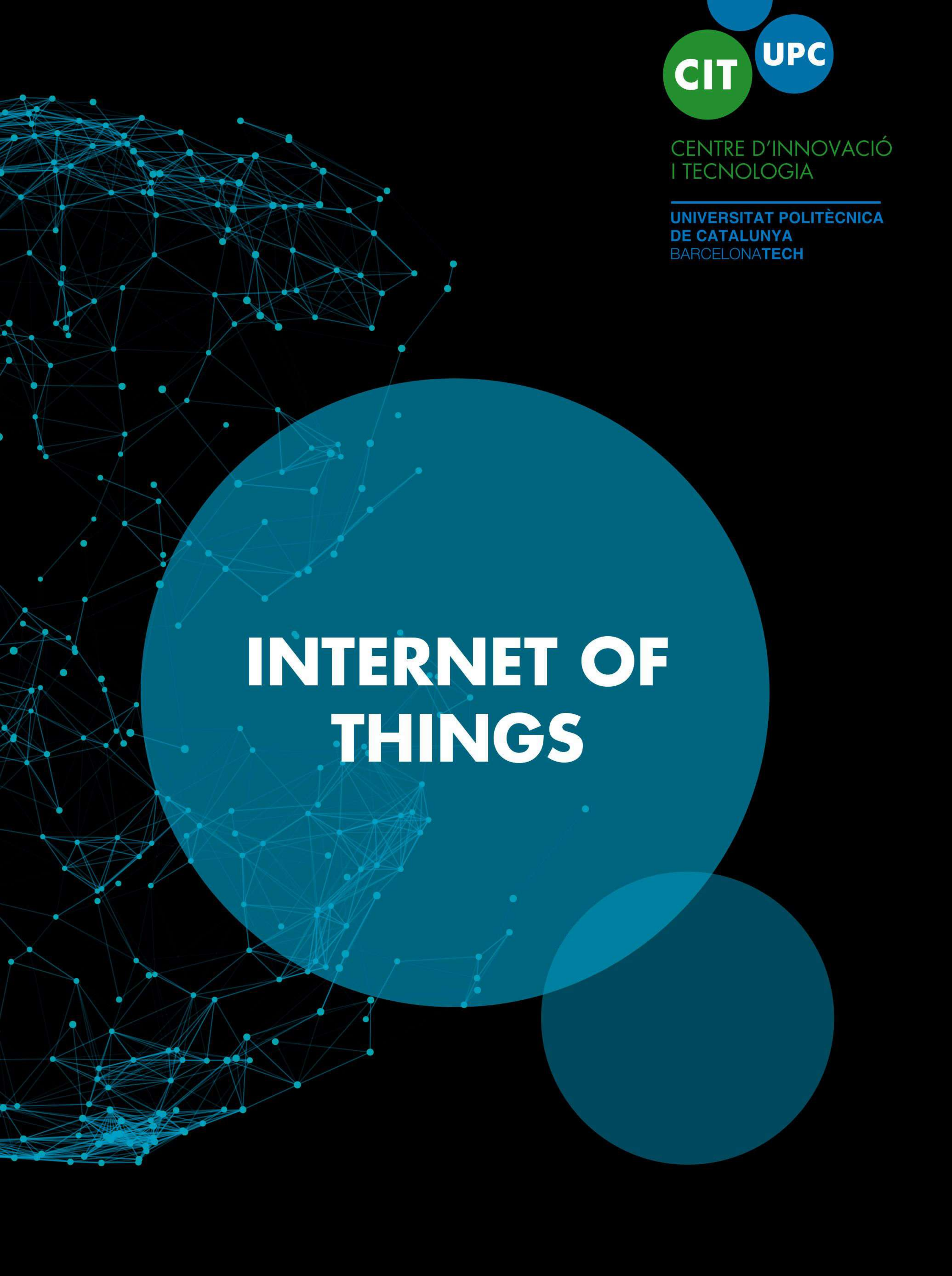




CENTRE D'INNOVACIÓ  
I TECNOLOGIA

---

UNIVERSITAT POLITÈCNICA  
DE CATALUNYA  
BARCELONATECH

A complex network of blue dots connected by thin lines, resembling a globe or a data network, is positioned on the left side of the page. A large, semi-transparent blue circle is centered in the lower half of the page, containing the main title. Another smaller, semi-transparent blue circle is located in the bottom right corner.

# INTERNET OF THINGS

---

# 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

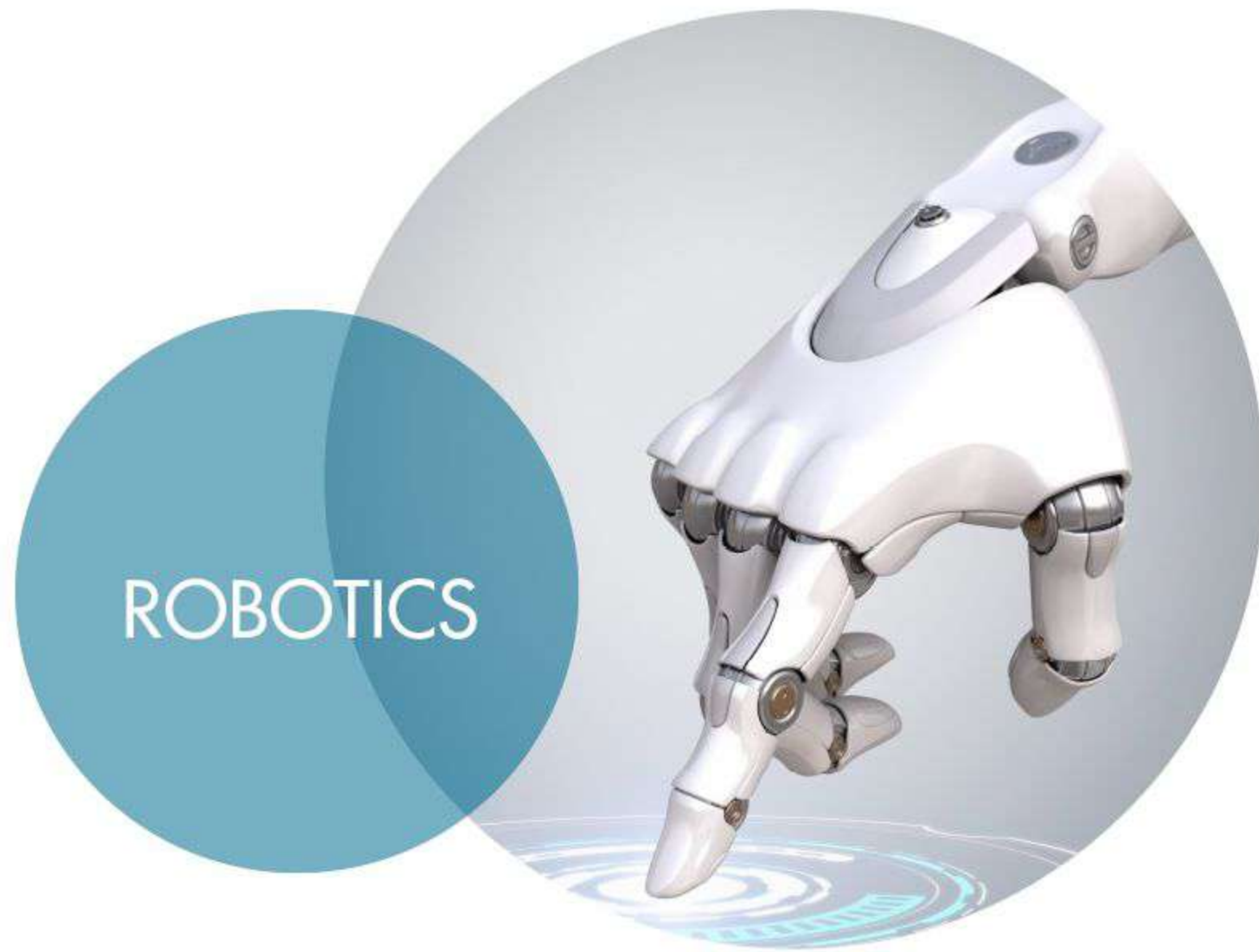
The UPC is the leading university in Spain in volume of research and technology transfer to companies, and has become one of the major hubs of knowledge in Southern Europe.



# TECHNOLOGICAL CAPABILITIES



DRONES



ROBOTICS



WEARABLES

## SENSORS

### MANUFACTURING

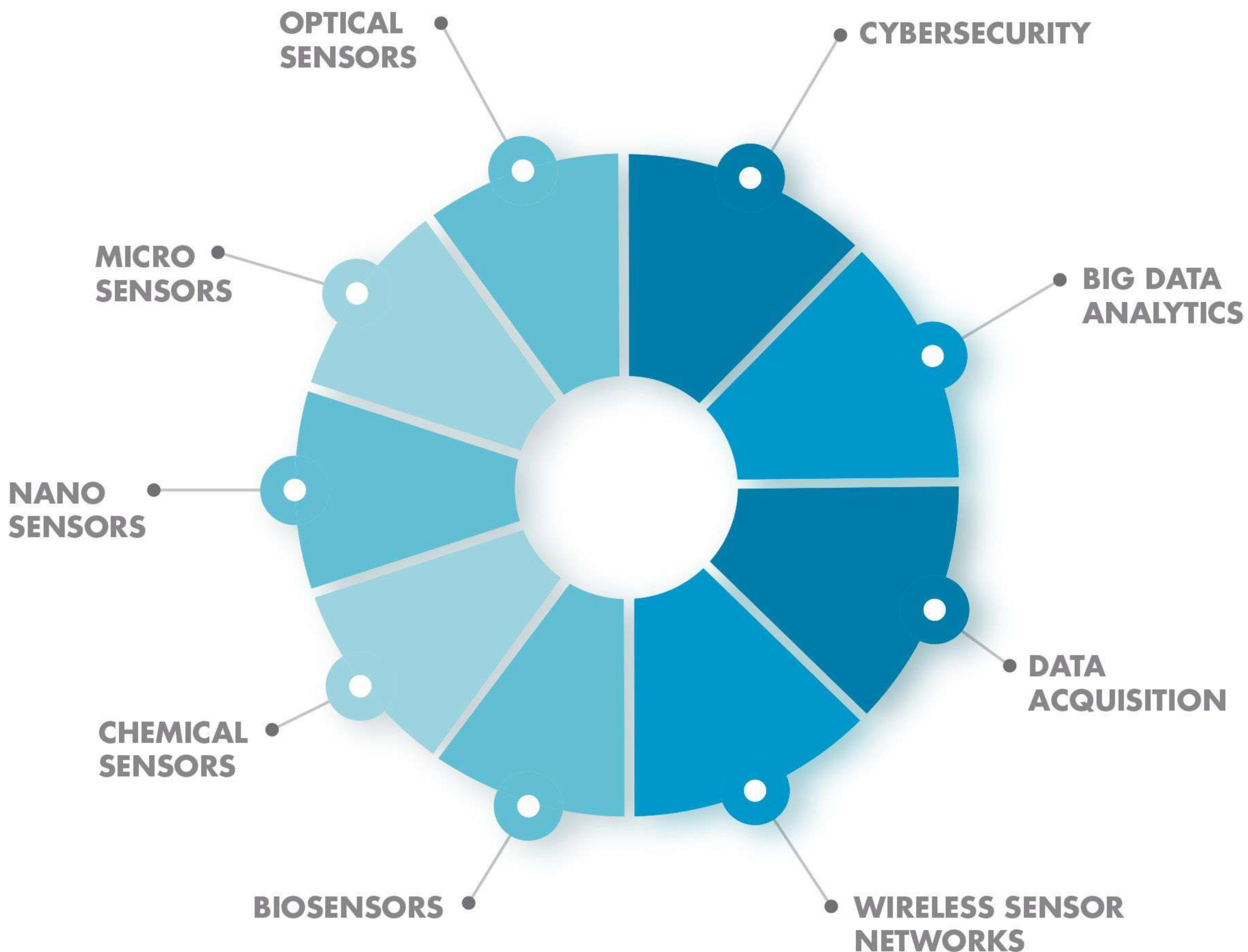


- Industrial automation
- Computer vision for quality control
- Additive manufacturing

### MOBILITY



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

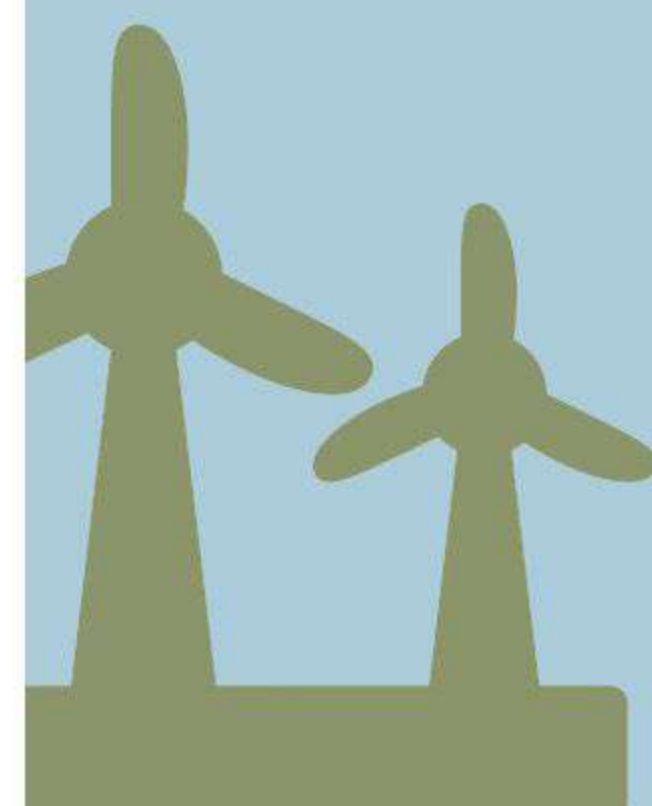


c Routing  
transport  
ability  
s  
simulation

## HEALTHCARE



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



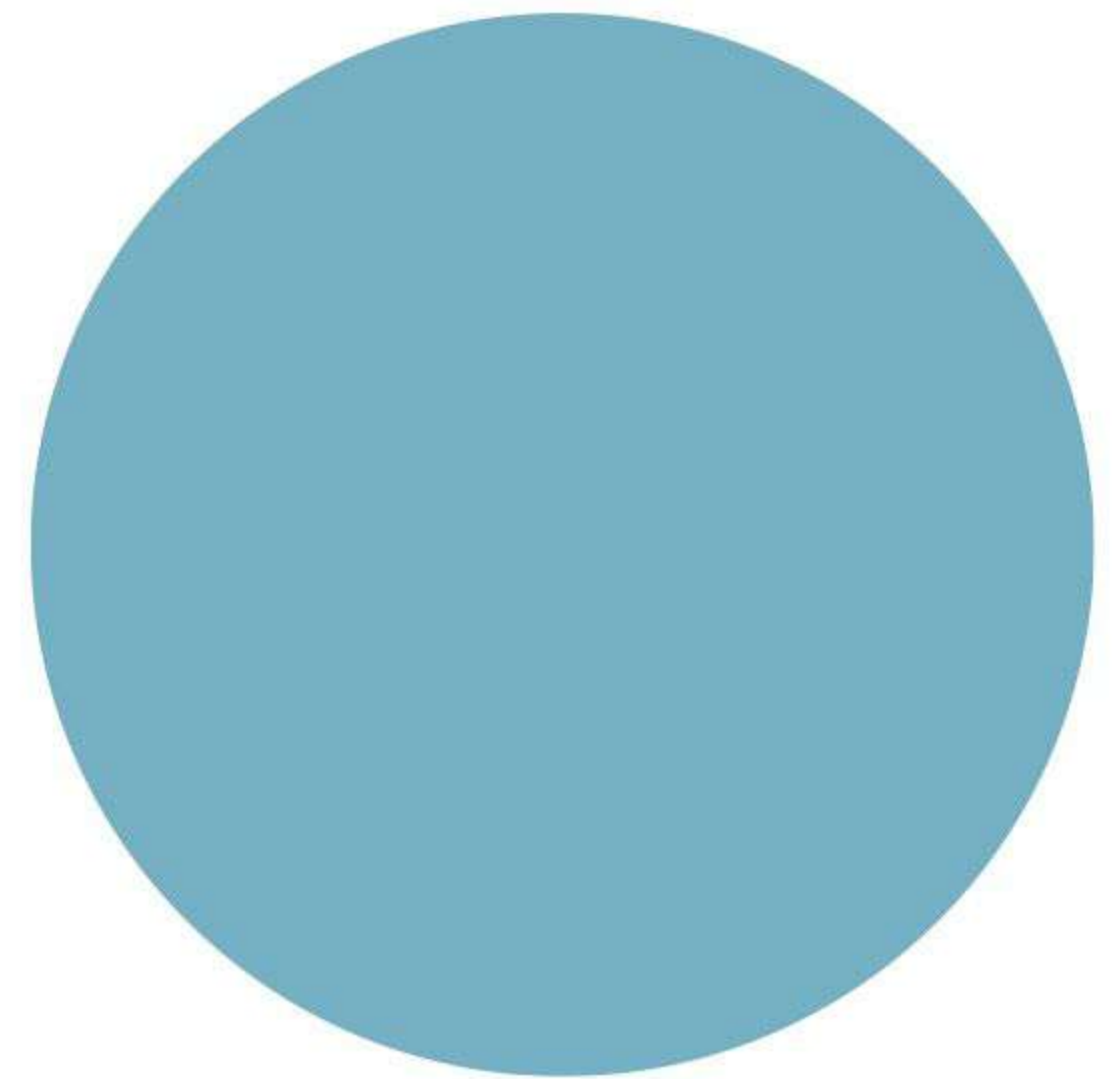
# CONNECTIVITY & DATA SCIENCE



CONSUMER  
ELECTRONICS



AUTOMOTIVE



## ENERGY

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

## INDUSTRY 4.0

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



---

**CIT UPC**

Ed. Til·lers (planta 1)  
C/Jordi Girona 31  
08034 Barcelona - Spain  
Tel. +34 93 405 44 03  
[info.cit@upc.edu](mailto:info.cit@upc.edu)

[www.cit.upc.edu](http://www.cit.upc.edu)