

COSTS

	Regular	Partners	UCBM
All inclusive (course and accommodation)	€ 4.500,00	€ 4.250,00	€ 3.900,00
Course only (no accommodation)	€ 2.500,00	€ 2.250,00	€ 2.000,00
Accommodation (per week)	€ 700,00	€ 700,00	€ 700,00

SCHOLARSHIPS

If you meet the entry requirements and you want to apply for a scholarship, please send us your CV and a cover letter before 30/06/2022 at bootcamp@unicampus.it.

We particularly welcome applications from international participants and women in STEM.

PARTNERS



BOOTCAMP@UNICAMPUS.IT - [HTTP://WWW.UNICAMPUS.IT/ENG/BOOTCAMP](http://www.unicampus.it/eng/bootcamp)

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ABOUT THE BOOTCAMP

An intensive 3-week programme of **lectures, labs and project work** to acquire technical skills and soft skills. **Tutoring and teamwork** are essential parts.

You will never be alone – it is a community learning journey!

Location and Attendance

The Bootcamp will be a **full-immersion experience** held in the heart of Cambridge at **Corpus Christi College**. This prestigious location allows participants to be in the centre of Cambridge surrounded by charming colleges, close to all amenities.

Attendance is totally flexible. You can choose!

We combine **the best of the physical and the digital world**: the full programme is available online for the first two weeks with live sessions or in person in Cambridge. Last week we require all participants to be attending in person.

What are the aims?

- To introduce participants to **foundations of IoT** and to the **main tools and methods of AI** with lectures, group work and hands-on tutorials.
- To provide practical experience using **industry case-studies** from our partner businesses through a week-long **hackathon**.
- To provide **soft-skills** training, as requested by the current job market, in terms of team work ability and effective communication.

Designed in collaboration with **academics and professionals**, this is a short and effective course based on **experiential learning and practical activities**.



Academic Tutors

guide all the labs after each lecture to ensure participants' learning



Industry Tutors

help the teams with their work to ensure the successful completion of projects

The programme is entirely built on case-studies **provided by our industry partners**.

WEEK 1 – IoT Fundamentals and Enabling Technologies

WEEK 2 – Artificial Intelligence Fundamentals

WEEK 3 – Hackathon

Integrated in the programme to complement the technical teachings



7 sessions of Transferable Skills Training: communication and presentation skills, project management, leadership and teamworking skills;



2 sessions of Business Studies: Benchmarking and Business Modelling.



PROGRAMME



Industry Case-studies and Hackathon

From the first day participants work in teams to find innovative solutions to the following problems:

DXC

| Smart Digital Vessel: The integration between numerical and experimental reality

ENAV

| Digital Twin for Aviation Infrastructure Maintenance: Civil Aviation Surveillance Radar case

Heremos

| Digital Twin in eHealth: from wellbeing monitoring to predictive medicine



Team Presentations and Jury Panel

The Bootcamp culminates in a **final “Pitch Day”** with presentations by each group in front of a jury panel of experts in innovation technologies.



Gala Dinner & Award Ceremony

The jury will assign to the best team project the “Bootcamp 2022 Award”.

ENTRY REQUIREMENTS

Who can participate?

Designed for undergraduate, graduate and post-graduate students, researchers and young professionals that want to have an **international experience** and **want to acquire IoT and AI skills** in a professional environment.

What are the entry requirements?

- Courses are taught entirely in English. No language certificate is required, but we recommend an equivalent B2 level or higher.
- Participants must have basic computing skills and familiarity with any kind of programming language.

**A full-immersion experience
learning by doing together.**