WHAT IS THE BOOTCAMP?

An intensive 3-week programme of lectures, labs and project work to acquire technical skills and soft skills based on industry use cases. Tutoring and teamwork are essential parts of this team learning journey.

WHERE IS THE BOOTCAMP?

The Bootcamp is a full-immersion experience held at Jesus College at the University of Cambridge. This prestigious location allows participants to be in the centre of Cambridge close to all amenities.

INDUSTRY USE CASES

We believe in project-based learning. The programme is entirely built on use cases provided by our industry partners. Participants work in teams to find innovative solutions to real problems.

ENTRY REQUIREMENTS

The Bootcamp is designed for students, researchers and professionals who want to have a multi-disciplinary experience and want to acquire IoT and AI skills in close contact with industry partners.

To enroll in the Bootcamp, we strongly recommend that participants have:
- B2 level or higher of English
- basic computing skills and familiarity with at least one programming language.

APPLICATION PROCESS

Application for admission to Bootcamp 2024 must be submitted no later than 11.59pm on 8th July 2024. Please refer to the Registration Guidelines on Bootcamp 2024 for the application procedure.

SCHOLARSHIPS

For eligibility requirements and scholarship application procedure, please refer to the Scholarship Guidelines on Bootcamp 2024. Please note, the scholarship application deadline is 30 May 2024. We particularly welcome applications from international participants and women in STEM.

COSTS

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<th>UCBM</th>
<th>Regular</th>
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<tr>
<td>Course only</td>
<td>€ 2,800.00</td>
<td>€ 3,800.00</td>
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<tr>
<td>All inclusive*</td>
<td>€ 4,000.00</td>
<td>€ 5,000.00</td>
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*All inclusive formula includes: accommodation in single room; breakfast; all courses, labs & tutoring sessions; all hardware and technical equipment; Hackathon; group project work guided by academic and industry tutors; soft skills training sessions; attendance Certificate at the end of the course; networking opportunities with industry partners. Not included: travel costs; laptop computer or use of computer lab facilities.

BOOTCAMP 2024
IoT & AI
FOR FRUGAL INNOVATION

Community-centred innovation | Tech for good
Circular economy | Sustainable production

Bootcamp Scientific Director
Prof. Leandro Pecchia

Programme

The IoT & AI Bootcamp 2024 program will focus on Frugal Innovation. Fully aligned with sustainability and circular-economy principles, Frugal Innovation refers to the process of reducing the complexity and costs of new products, methods and designs that are created for, with or by people in developing countries. Designed in collaboration with academics and professionals, this is a short and effective 3 week course based on experiential learning and practical activities.

The 120 hour programme includes:

- Tech Lectures (IoT & AI)
- Tech Labs with tutors
- Team Project Work
- Transferable Skills Training
- Business Lectures
- AI and Ethics

Integrated in the programme to complement the technical teachings

- 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

- Transferable Skills Training
  Communication and presentation skills, project management, leadership and teamwork skills

- Business Studies
  Benchmarking and Business Modelling

PITCH DAY

During the final Pitch Day on the 13th September each team will present their solution to a Jury Panel of industry experts. The team presentations will be followed by a formal Gala Dinner and the Award Ceremony.

PREVIOUS AND CURRENT PARTNERS

ENDORSED BY

BOOTCAMP@UNICAMPUS.IT
HTTPS://WWW.UNICAMPUS.IT/IOT-AND-AI-FOR-FRUGAL-INNOVATION-2024/