



UCBM
ACADEMY

BOOTCAMP 2026

DECISION INTELLIGENCE: AI & HUMAN-IN-THE-LOOP

Healthcare | Energy | Public Services



8TH Edition

24 AUGUST - 11 SEPTEMBER 2025

HOMERTON COLLEGE CAMBRIDGE (UK)

BOOTCAMP@UNICAMPUS.IT

[HTTPS://UCBMACADEMY.UNICAMPUS.IT/INTERNATIONAL/BOOTCAMP/](https://ucbmacademy.unicampus.it/international/bootcamp/)

SCHEDULE

Bootcamp 2026 | DECISION INTELLIGENCE: AI & Human-in-the-loop - 8th Edition | 24 August - 11 September 2026*

* Participants are expected to arrive on 23/08 to attend the Welcome Drinks Reception and to depart on 12/09 after the Closing Session

WEEK 1							
Time		Monday - 24 August Homerton College - Skillcorn Room	Tuesday - 25 August Homerton College - Skillcorn Room	Wednesday - 26 August UoC Dept of Engineering - Baker Building	Thursday - 27 August UoC Dept of Engineering - Baker Building	Friday - 28 August UoC Dept of Engineering - Baker Building	Saturday - 29 August Anglia Ruskin University - Lord Ashcroft Building
09:00	11:00	OPENING SESSION Program Opening and Use Cases Presentations	LECTURE IoT1 Prof. Kabla Introduction to IoT Sensor Systems	LECTURE IoT2 Prof. Kabla Programming the microcontroller; Memory; Interrupt; Communication and design problems	LECTURE IoT3 Prof. Kabla Collecting data from sensors; I2C BUS; temperature sensor; Other sensors for industrial projects	LECTURE IoT4 Prof. Kabla Actuators; Heat generator: open and closed loops to control heat production; Project of a controller; Introduction to control theory for systems with feedback	WORKSHOP Prof. Raynolds Behavioural and Managerial Science to Improve Decision Making Support Systems
11:00	11:30	Break					
11:30	13:00	Opening Lecture Prof. Peng Engineering Decisions: designing resilient decision intelligence frameworks	LECTURE IoT1 Prof. Kabla Environment Setup and Configuration	IoT LAB	IoT LAB	IoT LAB	WORKSHOP Prof. Raynolds
13:00	14:30	Lunch					
14:30	17:00	TRANSFERABLE SKILLS TRAINING Project Management	WORKSHOP Dr Peverini The Journey of an Idea: from problem framing to solution development	IoT LAB	IoT LAB	TRANSFERABLE SKILLS TRAINING Effective Teams	Teamwork
17:00	17:30	Break					
17:30	19:00	Teamwork	Teamwork	Teamwork	INDUSTRY PARTNER TUTORS	Teamwork	Teamwork
WEEK 2							
Time		Monday - 31 August Anglia Ruskin University - Lord Ashcroft Building	Tuesday - 1 September UoC Dept of Computer Science and Technology	Wednesday - 2 September UoC Dept of Computer Science and Technology	Thursday - 3 September Anglia Ruskin University - Lord Ashcroft Building	Friday - 4 September Anglia Ruskin University - Lord Ashcroft Building	Saturday - 5 September Anglia Ruskin University - Lord Ashcroft Building
09:00	11:00	LECTURE AI1 Prof. Cordelli Systems architecture and data pipeline: from sensors to data collection and processing	LECTURE AI3 Prof. Liò Intro to Machine Learning, Deep Learning, CNNs	LECTURE AI4 Prof. Liò GNNs, transformers and LLMs with Agentic AI	LECTURE AI5 Prof. Saviozzi AI Applications in Electrical Energy Systems	WORKSHOP Dr Bruges Project Scoping and Engineering Decisions for Real-World Embedded Intelligence	WORKSHOP Dr Cenerini Evaluating Solutions
11:00	11:30	Break					
11:30	13:00	LECTURE AI2 Dr Danilo Pau Perceptual AI: a guided journey with practical TinyML examples	LECTURE AI3 Prof. Liò	LECTURE AI4 Prof. Liò	LECTURE AI6 Prof. Conte Guiding principles and good practices for building a Decision Architecture	WORKSHOP Dr Bruges Practical Prototyping with Edge AI	Teamwork
13:00	14:30	Lunch					
14:30	17:00	AI LAB AI Fundamentals: Classification and Clustering techniques with Practical Tools and Coding	AI LAB CNNs Applications and Data Analysis	AI LAB Prompt engineering: Enhancing Problem Solving through powerful tools including LLMs	WORKSHOP IBM User-centric Design and Innovation	TRANSFERABLE SKILLS TRAINING Effective Teams	Teamwork
17:00	17:30	Break					
17:30	19:00	Teamwork	Teamwork	Teamwork	INDUSTRY PARTNER TUTORS	Teamwork	Teamwork
WEEK 3							
Time		Monday - 7 September Anglia Ruskin University - Lord Ashcroft Building	Tuesday - 8 September Anglia Ruskin University - Lord Ashcroft Building	Wednesday - 9 September Homerton College - Skillcorn Room	Thursday - 10 September Homerton College - Skillcorn Room	Friday - 11 September Homerton College - Fellows' Auditorium	Saturday - 12 September Homerton College
09:00	11:00	WORKSHOP Prof. Partac Business Model Canvas	TRANSFERABLE SKILLS TRAINING Presentation Skills	TRANSFERABLE SKILLS TRAINING Presentation rehearsals and feedback	LECTURE AI7 Dr Bressi AI for Cardiac Care Management	Teamwork	
11:00	11:30	Break					
11:30	13:00	WORKSHOP Prof. Partac	TRANSFERABLE SKILLS TRAINING Presentation Skills	TRANSFERABLE SKILLS TRAINING Presentation rehearsals and feedback	Teamwork	Teamwork	11:00-13:00 CLOSING SESSION Shaping Tomorrow Together: Alumni Insights for Future Leaders
13:00	14:30	Lunch					
14:30	17:00	Teamwork	Teamwork	Teamwork	Teamwork	PITCH DAY & JURY PANNEL	
17:00	17:30	Break					
17:30	19:00	Consulting Session with Subject Expert	Consulting Session with Subject Expert	Consulting Session with Subject Expert	INDUSTRY PARTNER TUTORS		
	19:00						GALA DINNER & AWARD CEREMONY at Queen's College