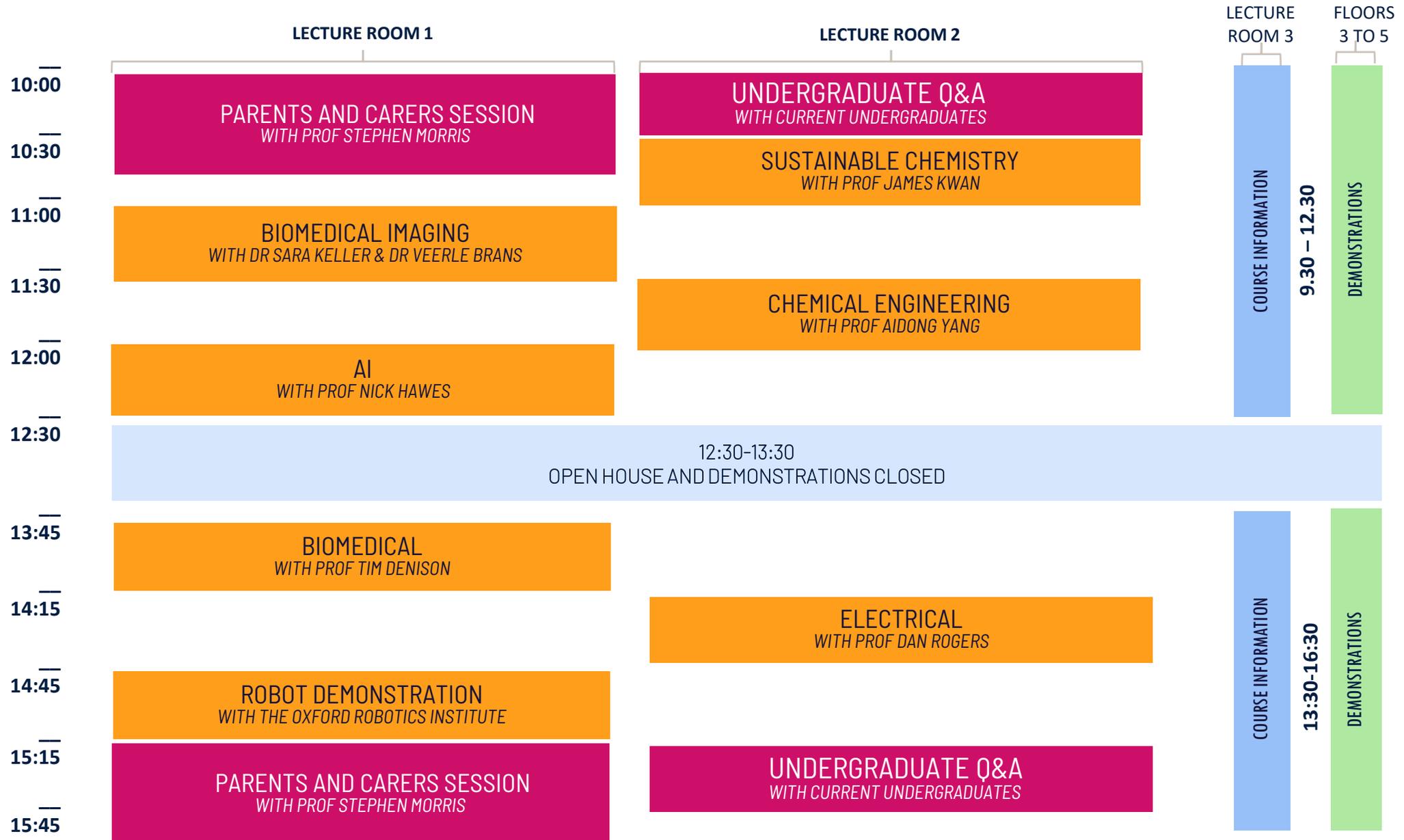


# OPEN DAY PROGRAMME 2 JULY 2025

## ENGINEERING SCIENCE



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ENGINEERING SCIENCE



## TASTER LECTURES

TIMES	Room	TITLE	LECTURER
10.30-11.00	Lecture Room 2 (1 <sup>st</sup> Floor)	Like a Hell-broth Boil and Bubble: Towards Sustainable Chemistry	Prof. James Kwan
11.00-11.30	Lecture Room 1 (1 <sup>st</sup> Floor)	From Imaging to Healing: What Sound and Bubbles Can Do in the Body	Dr Sara Keller & Dr Veerle Brans
11.30-12.00	Lecture Room 2 (1 <sup>st</sup> Floor)	Combating Climate Change with Chemical Engineering	Prof. Aidong Yang
12.00-12.30	Lecture Room 1 (1 <sup>st</sup> Floor)	AI is for Action: How to Decide What a Robot Does Next	Prof. Nick Hawes
LUNCH BREAK			
13.45-14.15	Lecture Room 1 (1 <sup>st</sup> Floor)	A Tale of Two Cities: Engineering Epilepsy Treatments in Harare, Zimbabwe and London, UK	Prof. Tim Denison
14.15-14.45	Lecture Room 2 (1 <sup>st</sup> Floor)	Inductors and Magnetic Brain Stimulation	Prof. Dan Rogers
14:45-15:15	Lecture Room 1 (1 <sup>st</sup> Floor)	Robot Demonstration	The Oxford Robotics Institute

# OPEN DAY PROGRAMME

## ENGINEERING SCIENCE 2025 LAB DEMONSTRATIONS



### FLOOR

6

SOFTWARE LAB A

SOFTWARE LAB DEMOS

5

ENERGY & CONTROL LAB

ELECTRONICS AND CONTROL:  
ROBOTICS, FOOTBALL PLAYING & CONTROL DEMOS

4

DESIGN, BUILD AND TEST LAB

MECHANICAL FABRICATION, MACHINERY & ASSEMBLY

4

3D PRINTING LAB

3D PRINTING, COMPUTER AIDED DESIGN (CAD) &  
SIMULATION

3

THERMOFLUIDS LAB

WIND TUNNELS & HYDRAULIC STUDIES

3

MATERIALS LAB

ELECTRON & OPTICAL MICROSCOPES  
MATERIAL TESTING MACHINERY

G

OXFORD UNIVERSITY RACING

FORMULA STUDENT LAB