

# UK Integrated HPS Workshop

20-21 June 2018

University College London

This workshop is an annual event hosted by an informal network of UK academic departments with a programmatic commitment to practising and promoting history and philosophy of science (HPS) as an integrated discipline. Starting with UCL and Leeds, this network now includes Durham, Exeter, Cambridge, Aberdeen, Edinburgh Nottingham and St Andrews, and is very open to adding further departments. Participating departments take turns in hosting the annual workshops. This year, the workshop will be hosted by the Department of Science and Technology Studies at UCL.

Kindly sponsored by the [Department of Science and Technology Studies](#), the British Society for the History of Science ([BSHS](#)) and the [Analysis Trust](#). In partnership with the [EBM+ project](#)

## Venues

The workshop will take place in Malet Place (UCL Engineering) on 20 June, and Bedford Way on 21 June. Both buildings are in the UCL main campus in central London. The nearest train stations are Euston Station and King's Cross St. Pancras. See the map on page 2.

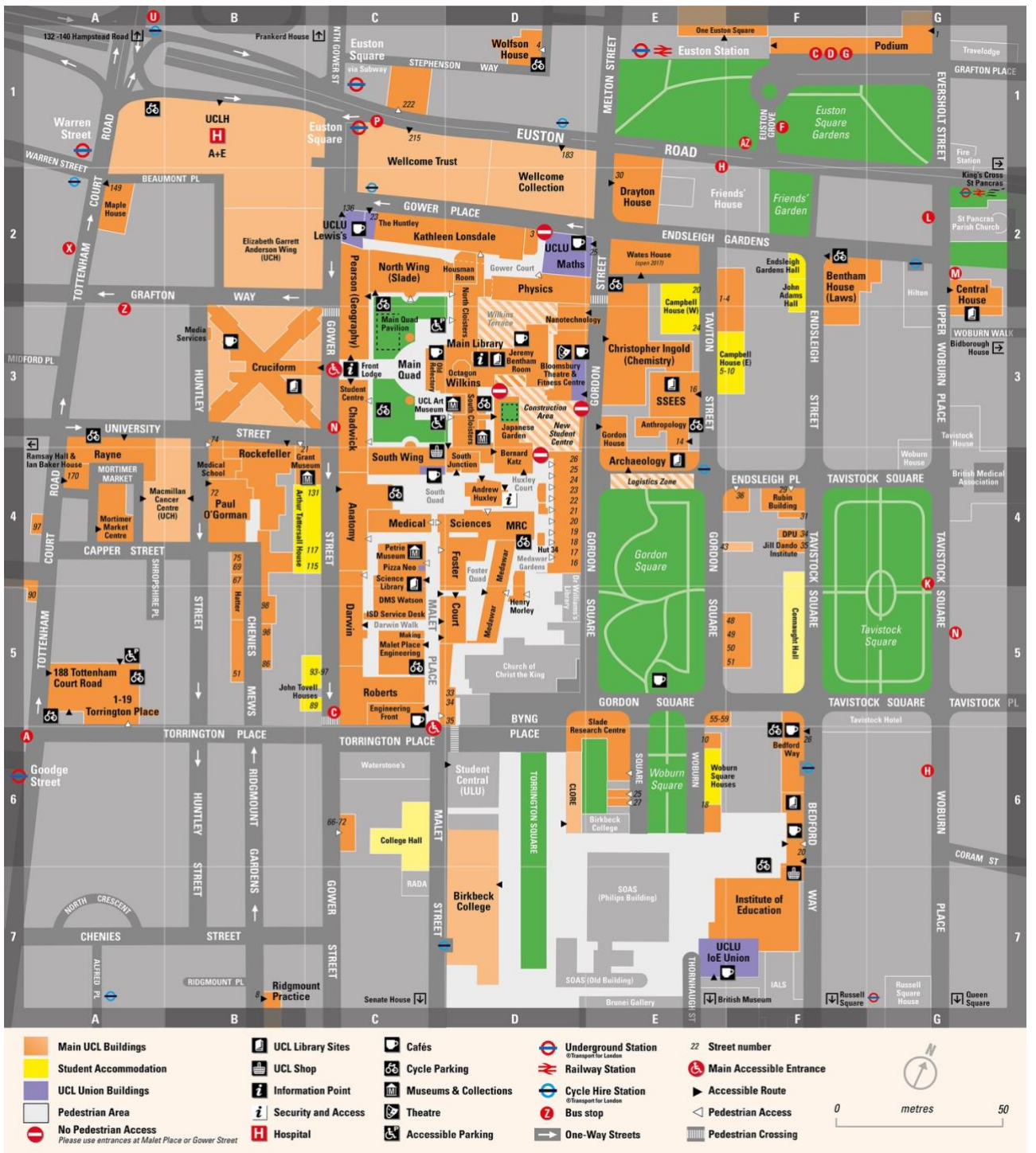
**Malet Place Building:** Entrance to the Malet Place Building is via the Roberts Building, just opposite Waterstone in Malet Place. Directions [here](#). When you arrive at the entrance of the Roberts Building, UCL security will let you in. There will be signs directing you to Malet Place (it is a bit intricate, but don't give up!).

**Bedford Way:** This is easier. Directions [here](#). Ask security to let you in, and we will be in the lecture theatre in the basement of the building.

**Lunch** will be provided, see the programme for further details.

**Dinner** is open to all but not subsidised. If you wish to join us Please contact [Erman Sozudogru](#) to book your place. We will make our way to [Tas Bloomsbury](#) see the programme for more details

**The workshop venues are fully accessible, and we abide to the [BPA/SWiP Good Practice Scheme](#)**



Malet Place: 5C

Bedford Place: 6F

# Programme

20 June

12.00 – 1.00 – Registration and lunch, Malet Place Engineering Building, 1.02	
1.00 – 1.30 – Welcome	
<b>Session 1.a Historical perspectives on Mechanisms and Explanations</b> (1.30-3.30), Malet Place 1.02	<b>Session 1.b Measurement, Values and Coordination in Scientific Practice</b> (1.30-3.30), Malet Place 1.03
Andrew Hopkins, LSE "Putting flesh on Hempel's bones: narrative explanation in the historical sciences"	Charlotte Connelly, Cambridge "Experimental instruments and the distributed mind"
Adrian Currie, Cambridge "Dead dinosaurs and simple explanations"	Mat Paskins, LSE "Narratives: Centering and De-Centering the Chemist"
Andrew Gregory, UCL "Ancient Mechanisms and Necessities"	Jim Grozier, UCL "Measurement and Approximate Truth"
	Ric Sims, Exeter "Mexican waves, Otto's notebook and emergent coordinators"
Coffee 3.30-4.00	
<b>Session 2.a Perspectives on Chemistry</b> (4.00-5.30), Malet Place 1.02	<b>Session 2.b Lessons from HPS: Aesthetics, Abstraction, Epistemic Vices</b> (4.00-5.30), Malet Place, 1.03
Mike Stuart, LSE "Are there thought experiments in chemistry, and if not, why not?"	Ian Kidd, Nottingham "Theorising Epistemic Vices in Scientific Practice"
Robin Hendry, Durham "Elements and (First) Principles in Chemistry"	Claudia Cristalli, UCL "Abstraction processes in Charles S. Peirce's philosophy of science. From composing data to drawing diagrams, 1886-1903"
Chris Campbell, UCL "Charles Peirce & Dimitri Mendeleev: the chemical Brothers. Relationship between two philosopher chemists"	Julia Sanchez-Dorado, UCL "Integrating philosophy of science and aesthetics: lessons from iHPS"
6.00-8.00pm – Launch of the EBM+ handbook <b><i>Evaluating Evidence of Mechanisms in Medicine: Principles and Procedures</i></b> . Drinks reception at the Grant Museum of Zoology and Comparative Anatomy (4C on the map), kindly sponsored by the EBM+ Project	
8.00 – Dinner	

## 21 June

All presentations and lunch take place in Bedford Way LG04

<b>Session 1. Metaphysics and Epistemology in History (9.30-11.30)</b>
Kirsten Walsh, Nottingham "Newton's Definitions"
Matthew Eddy, Durham "Joseph Black, Phylosopher"
Jonnie Griffiths, UCL "Epicurus' allowance of multiple explanations in cosmology"
Konstantinos Chatzigeorgiou, Cambridge "Koyré and Drake on the cognitive significance of Galileo's metaphysics"
Coffee 11.30-12.00
<b>Session 2. Historiographies and Values in the Physical Sciences (12.00-1.00)</b>
Isobel Falconer, St Andrews "Maxwell, Kelvin, the inverse square law, and epistemic injustice"
Jaume Navarro, University of the Basque Country and Cambridge "Biography or obituary? The historiographical value of the death of the ether"
Lunch 1.00 – 2.00
<b>Session 3. Data, Classifications, Narratives (2.00-3.30)</b>
Ana-Maria Cretu, Edinburgh/Bristol "What can the early classifications of stars tell us about real patterns?"
Robert Meunier, LSE "Conceptual change and the differential reproduction of research narratives in biology"
Phyllis Illari and Jono Spring, UCL "Generalising Knowledge in Infosec"
Concluding Remarks 3.30-4.00

We'll end on a high with an early trip to the pub, to keep company to people waiting for their trains!