

2025 Earth Sciences Alumni Day and Dinner

Saturday, 17 May 2025

Location - Day

The Bullard Laboratories
Madingley Rise
Madingley Road
Cambridge
CB3 0EZ

Location – Dinner

The Hall,
Downing College,
Regent Street,
Cambridge.



Parking

Day: There is parking at the Astronomy car park at Madingley Rise - available on a first come first served basis. For disability parking, please email alumni@cam.ac.uk to book a space at the Bullard.

Madingley Road Park & Ride is 0.7m away with good pathway all the way to the event. This is our recommended parking if the Astronomy car park is full. (See *map at end of programme for more information.*)

Dinner: The nearest car parks to Downing are the Queen Anne car park on East Road and Grand Arcade car park on Downing Street. There is an event at the Corn Exchange at the same time as our dinner which may impact the number of spaces available at the Grand Arcade car park. Disabled parking is available at Downing, please email alumni@cam.ac.uk to reserve a space.

Bus

The universal bus runs along Madingley Road at frequent intervals (up to every 15 mins)

<https://www.whippetbus.co.uk/universal/> - Operating between the train station, the centre of Cambridge and Girton corner.

Bicycles

There is ample bicycle parking outside the entrance to the IEEF and the site is accessible by bike from Madingley Road and Huntingdon Road. (See *map at end of programme for more information.*)

Taxis*

Panther – 01223 715715

CamCab – 01223 704704

City Taxis – 01223 832832

*There are other taxi companies operating in Cambridge which you can locate via a google search.

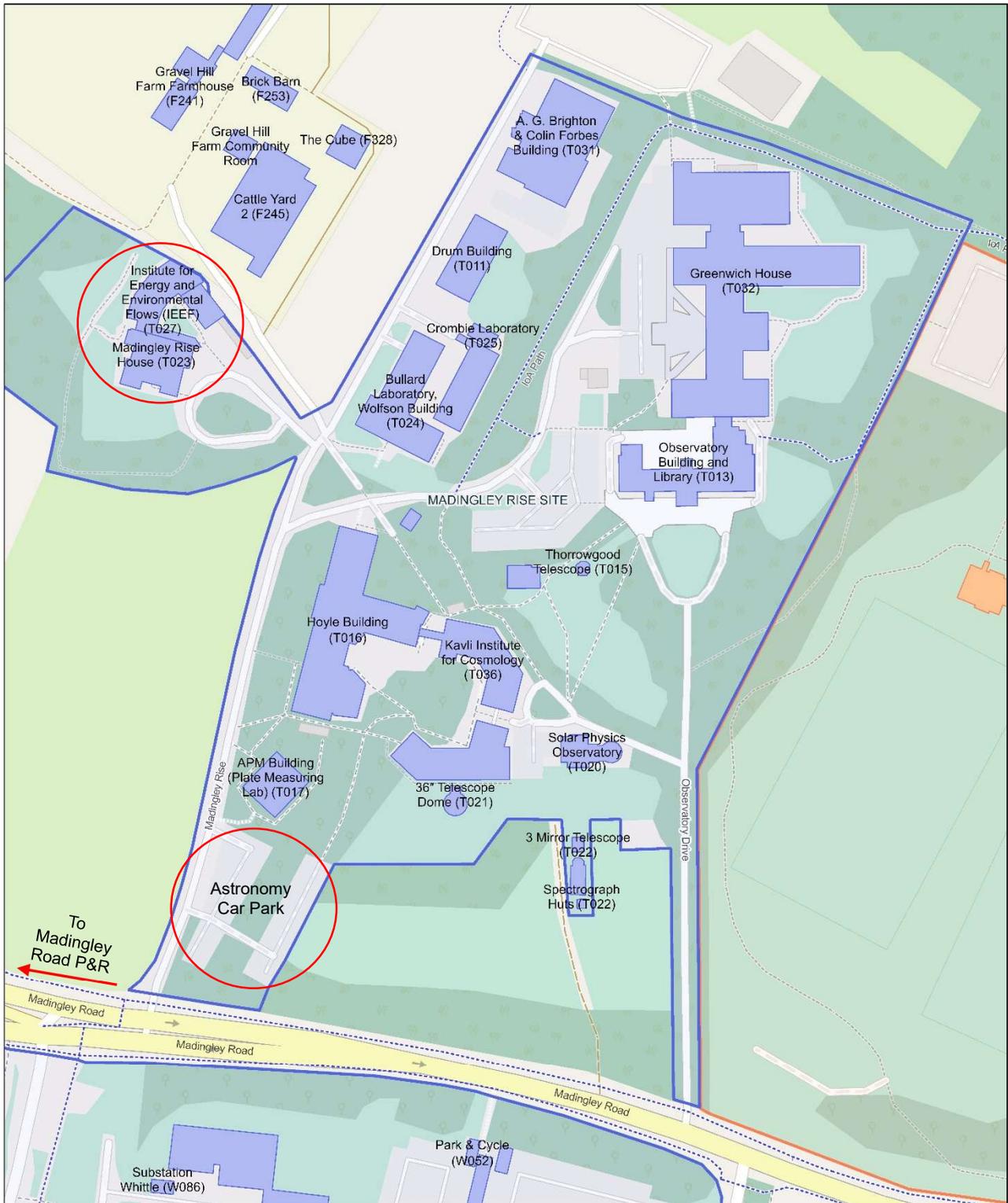
Programme Outline

Time	Location	Event
1:30pm	Main entrance to IEEF/ Tea room, The Old House	Registration Welcome! Pick up your badge, site map and programme and make your way into the tearoom of the house for refreshments. Coat racks and bag store is available.
1:50pm	Astronomy lecture theatre	Welcome by Head of Department, Marie Edmonds. Opening Talks: A brief history of the Bullard Labs DAN MCKENZIE The beginnings of what became the Department of Geodesy and Geophysics (housed at Madingley Rise after 1956) go back to the Great Trigonometric Survey of India in the mid nineteenth century. Through the 1920's and 1930's the then small department grew in scope, size and discoveries. In 1960, Teddy Bullard's return as Head of the Department and in the decade that followed all parts of the Earth Sciences were profoundly affected by the discovery of plate tectonics, a discovery in which many members of the Department were centrally involved. In 1963, Fred Vine and Drum Matthews suggested a mechanism for producing the linear magnetic anomalies that had been mapped in the NE Pacific. The discovery that similar anomalies are present in most parts of the oceans has allowed their evolution to be reconstructed. In 1965, Teddy was the first Earth Scientist to use Euler's Theorem to reconstruct the position of the continents around the Atlantic before they became separated to form the North and South Atlantic. In 1967, Bob

		<p>conduits, and as part of the energy transition program, the behaviour of hydrogen bubbles produced by electrolysis. <i>Limited to 15 guests per tour.</i></p>
4:30pm	Astronomy Lecture Theatre	<p>Closing talks: Head of the Department's "State of the Nation" MARIE EDMONDS</p> <p><i>Mapping the Geology across the Peel Fault, NSW Australia</i> JADE WESTFOOT <i>The Peel Fault is a major crustal discontinuity in the New England Orogen of Eastern Australia. It formed in an ancient subduction zone setting and is preserved as a melange zone containing Cambro-Ordovician and Permian ophiolitic blocks. The fault zone separates Devonian-Carboniferous folded foreland basin sediments from accretionary wedge cherts. The mapping project aimed to constrain the geology and structure of a section of the fault near Barraba.</i></p> <p><i>Volcano Seismology in Iceland: A view from below</i> NICK RAWLINSON <i>In March 2021, a volcanic eruption at Fagradalsfjall on the Reykjanes Peninsula marked the beginning of a new era of eruptive activity in the most densely populated region of Iceland. To date, 10 separate eruptions have taken place, which have covered large tracts of land with extensive lava flows; this has caused widespread disruption, including the semi-permanent evacuation of the fishing town Grindavik. The last volcanic activity on the peninsula was over 800 years ago, and evidence from the geological record indicates that these eruptive episodes can last for decades or more. In this talk, I will present new results from the Cambridge Volcano Seismology Group's network of seismic instruments that has been deployed in the region since 2020, which provide fascinating insight into magma migration in the shallow crust prior to eruption. In addition, I will discuss recent results from another Icelandic volcano - Askja in the central Highlands - that switched from deflation to reinflation in 2021, and is now at greater risk of a future eruption</i></p>
5:30pm to 6:30pm	The lawn	<p>Drinks reception in the beautiful gardens of the Old House.</p> <p>A relaxed opportunity to catch up with fellow alumni and enjoy what we hope will be excellent weather. A toast will be delivered by Assistant Head of Department, Jerome Neufeld.</p> <p><i>(If weather is inclement, the drinks reception will be in the tea room and foyer of the IEEF)</i></p>
		<p><i>Guests joining us for dinner are encouraged to take the time they need between the end of the programme and sitting for dinner to check in to accommodation / dress for the evening and make their way to our dining college.</i></p> <p><i>Parking is available at the Grand Arcade car park or Queen Anne car park for diners. A small amount of parking is available at Downing college venue for anyone with mobility needs – please let us know in advance.</i></p>
7:00pm	Downing College	Pre-dinner drinks
7:30pm	Downing College	<p>Dinner 3 course meal, wine and water, tea/coffee and mints After dinner speaker – Dr Liz Hide, Director of the Sedgwick Museum</p>
10:00pm		Carriages.



Madingley Rise site of Earth Sciences and Astronomy Buildings

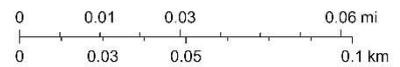


2/3/2025

Buildings

- University building
- College building

1:2,257



© OpenStreetMap contributors, © University of Cambridge