



Particle Accelerators and Beams Conference 2026

30 June – 1 July 2026 | Lancaster





Established 1964

Students: 18,000 (5,000 postgraduates)
In top 10 of most league tables

School of Physics and Astronomy



Experimental Particle Physics
Accelerator Physics

Observational Astrophysics
Theoretical Cosmology
Space and Planetary physics

Low temperature Physics
Quantum Nanotechnology
Nonlinear and Biomedical Physics

Quantum Theory
Mathematical Physics

55 Academics
170 undergraduate intake each year

£10-12M research income p.a.

School of engineering



Tuesday 30 June

10:00

10:30

10:30

10:35

10:35

10:45

10:45

11:15

11:15

12:35

12:35

13:30

Registration & Coffee

Break

Conference Welcome

Contribution | Speaker: Andy Smith

Welcome to Lancaster

Contribution | Speaker: Steven Jamison

Invited Talk: Session 1: Advanced Acceleration Concepts

Session

10:45-11:15

Terahertz techniques for advanced accelerators

Speaker

Morgan Hibberd

Contributed talks: Session I : Advanced Acceleration Concepts

Session

11:15-11:35

Beam-driven plasma acceleration for HALHF@CLARA

Speaker

Meg Savage

11:35-11:55

Development of a compact terahertz-driven transverse streaker for femtosecond electron beam diagnostics

Speaker

Joseph Bradbury

11:55-12:15

Electro-optic Spectral Interferometry Bunch Profile Monitor: Design and Implementation

Speaker

Samuel Norman

12:15-12:35

Developments Towards a Novel Moment Based Particle-In-Cell Code

Speaker

Finlay Gunneberg

Lunch

Break

13:30

Contributed talks: Session II : Particle Physics Facilities

Session

13:30-13:50

Strategy and Community in UK Accelerator Science: An ECFA and PPAP Update

Speaker

Haroon Rafique

13:50-14:10

Design of the Compton Polarimeter for the FCCee

Speaker

Jasper Burvill

14:10-14:30

Luminosity monitoring using Bhabha electrons in SuperKEKB and FCC-ee

Speaker

Pablo Mooney

14:30-14:50

Third Harmonic Cavities for Electron Cooling in the Electron Ion Collider

Speaker

Sara Toole

14:50-15:10

The Ghost Collider

Speaker

Peter Williams

15:10

Coffee

Break

15:30

IOP PAB Group Prize talk:

Contribution | Speaker: Deepa Angal-Kalinin

16:20

Poster session

Session

17:30

Transfer to Conference Dinner: (Lancaster Town Hall)

Session

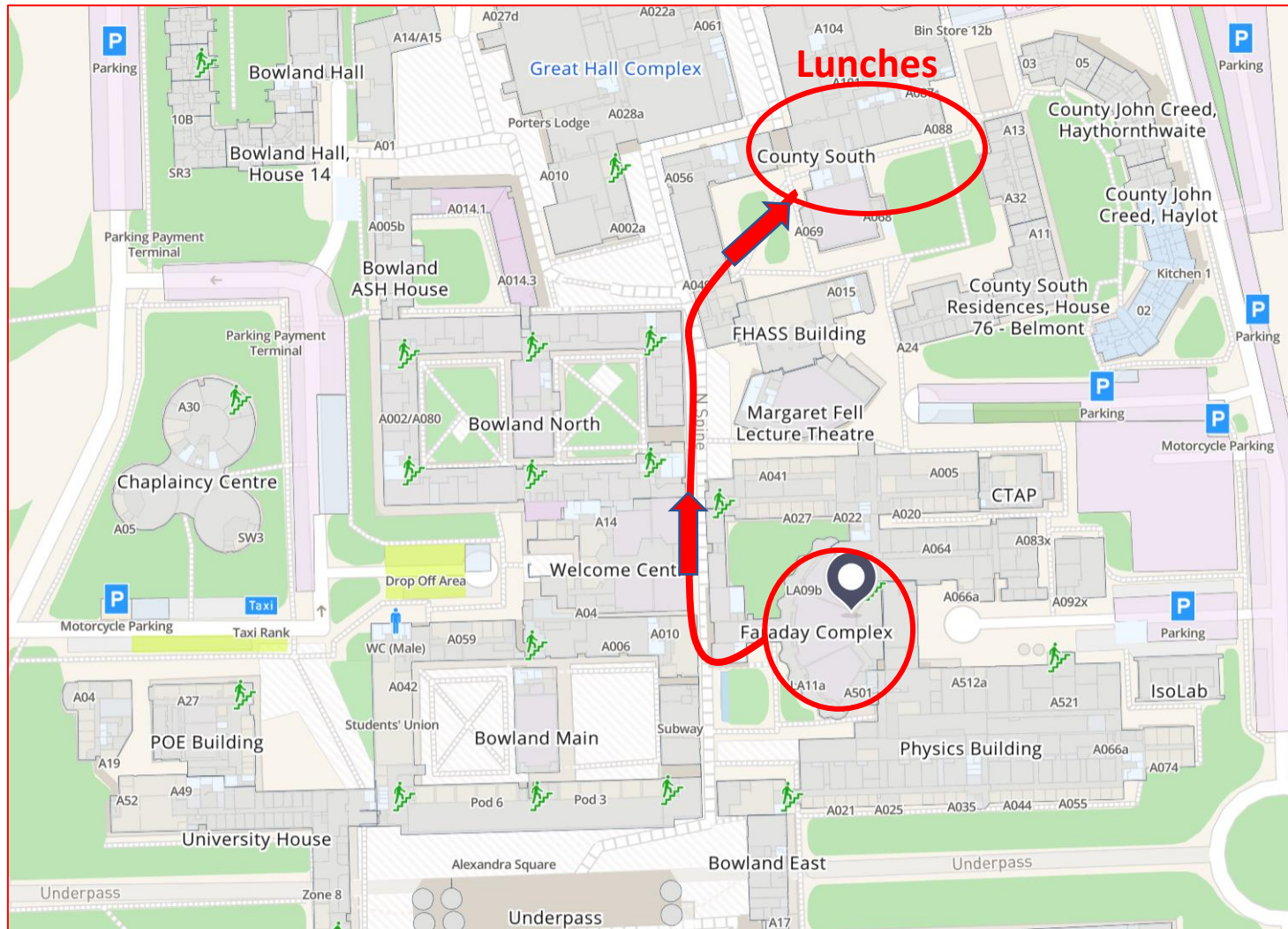
19:00

Conference Dinner & Prizes

Session | Location: Lancaster Town Hall

23:00

Lunches served in separate building



Lancaster city centre-Lancaster University Conference Bus Shuttle

A bus will be available to take attendees to and from Lancaster town centre as follows:

- Tuesday 09:30: Dalton Square (Lancaster town centre) to Lancaster University
- Tuesday 17:45: Lancaster University to Dalton Square

- Wednesday 09:00: Dalton Square, (Lancaster town centre) to Lancaster University
- Wednesday 15:45: Lancaster University to Dalton Square/Lancaster Train station.

Tickets issues for our tracking of numbers wishing to use the bus.

Conference dinner

Lancaster Townhall

Conference Dinner

The Group Prize and Poster Prize winners will be announced at the Conference Dinner.

The conference dinner will be held in the [Lancaster Town Hall](#). We'll be using the [Ashton Hall](#) entrance which is on George Street on the opposite side from Dalton Square and the statue of Queen Victoria.

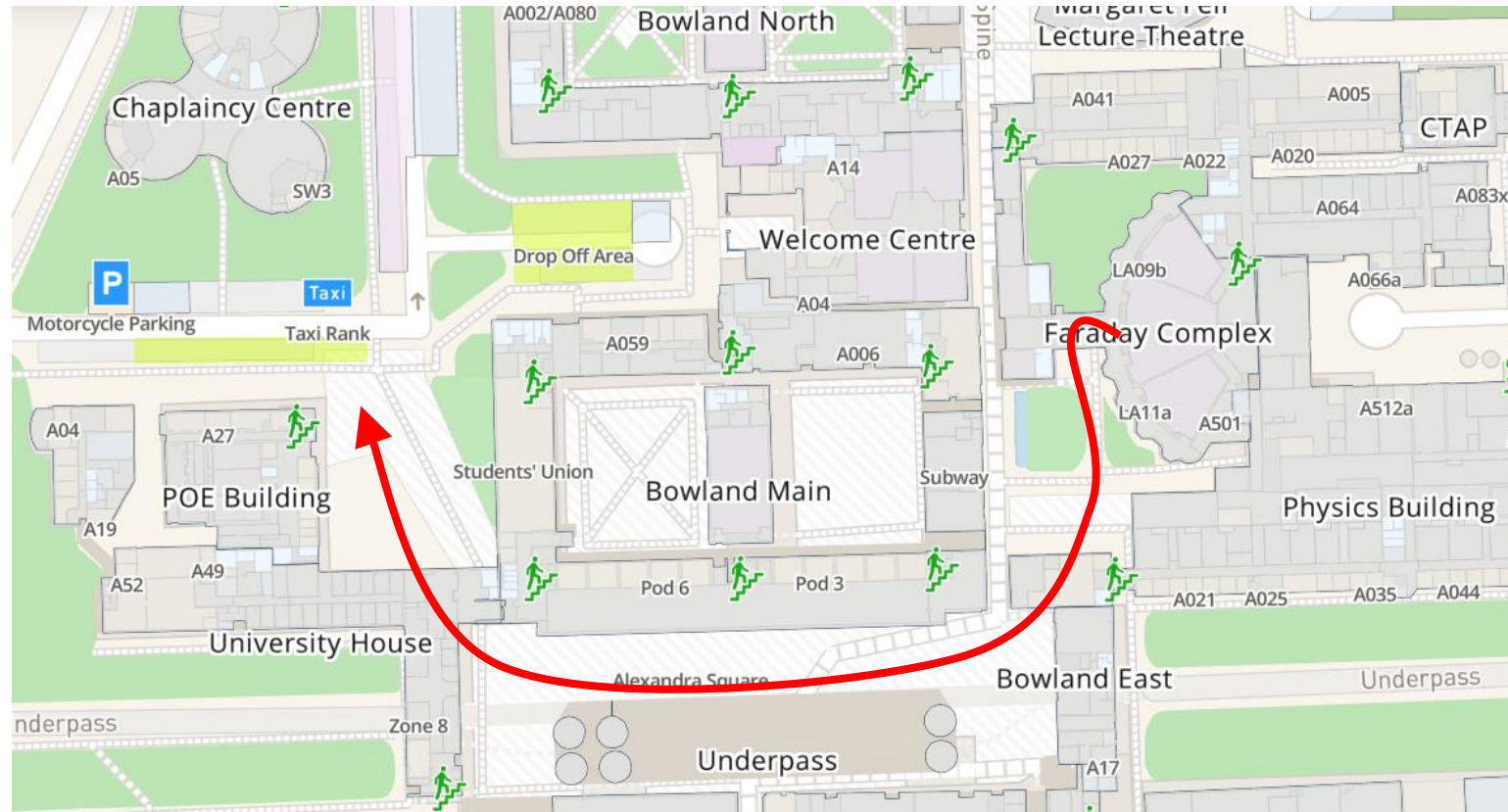


Entry on the side entrance,
Thurnham street

Please arrive *for* 7:00pm

Bus to town center

Depart 5:30pm





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Science and
Technology
Facilities Council



Science and
Technology
Facilities Council
ISIS Neutron and
Muon Source



Institute of Physics
Particle Accelerators
and Beams Group



microwave amps
Part of Nucleia Group

