

Welcome to
GridPP #51
SWIFT-HEP #07

25-27 March 2024

Third joint meeting

- Useful for the two communities to get together
- Lots of discussion in common, e.g.
 - GPU workloads, and how can we run them on GridPP resources
 - Analysis facilities, use cases and deployment on GridPP
 - Energy efficiency, it all starts with more efficient software
 - ...

SWIFT-HEP status and plans

- On Monday we start the Phase 1.5 of the project
 - Flat effort continuation from Phase 1. (~500k£/year, about 5 FTE of effort) until Sep 2025
- Organised around 4 Work Packages
 - WP1/5: Data and workflow management, Analysis systems
 - WP2: Event generators
 - WP3: Simulation
 - WP4: Reconstruction and Trigger
- Progress is regularly monitored via
 - Workshops (every 6 months)
 - Regular discussion with people involved and interested
 - Once a year we write an “Oversight committee” report
- In addition, we have a relatively small project under ExCALIBUR
 - ExaTEPP (Exascale for theoretical and experimental particle physics)
 - Some effort towards simulation
 - Useful to establish communication with other STFC communities
 - Will hopefully increase in 2025

Towards SWIFT-HEP 2

- Vision document circulated and discussed in December/January
 - Link [here](#)
- Adds three more WPs to include things we would like to do
 - WP5: Benchmarking and sustainability (with links to GridPP)
 - WP6: Software frameworks for future experiments
 - WP7: AI/ML and emerging technologies
- The number we keep quoting is 20 FTE
- The plan: (at the moment)
 - Sol to be submitted to Science Board by 1 May
 - We were asked to have a minimal scenario and a larger scenario (but bear in mind STFC operates at flat cash...)
 - After than, there will be a full project description based on the envelope we are given
Which will require an organisation refresh

Statement of interest planning

- However, we did the hard work of community consultation
 - Vision document will need translating into an Sol document
- The hard and difficult question is “How much?”
 - For each WP we will provide a range of effort
- Relatively short time scale
 - I will share a draft this week
 - A list of institutes is required
 - First round of comments by 15 April
 - Move on to final draft in the second half of April

Welcome to Sheffield

The meeting is held in the Endcliffe village at “The Edge”

Hotel is about 100m away

This is about 15 minutes drive/50 minutes walk from the train station/city centre

And a rather different place to the “construction” area in town due to :

- Sheffield Hallam University new buildings
- John Lewis leaving Sheffield and a significant chunk of town being redeveloped



Please remember that Sheffield has lots of hills (!) and lots of trees and good beer

Everybody knows the Full Monty, but also Jane Eyre (2011) was filmed around here

Sheffield trees. You wouldn't tell from the train station

[link](#)

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GREEN GETAWAYS | SUSTAINABILITY | ENGLAND | GREAT BRITAIN | EUROPE

The industrial English city with more trees than people

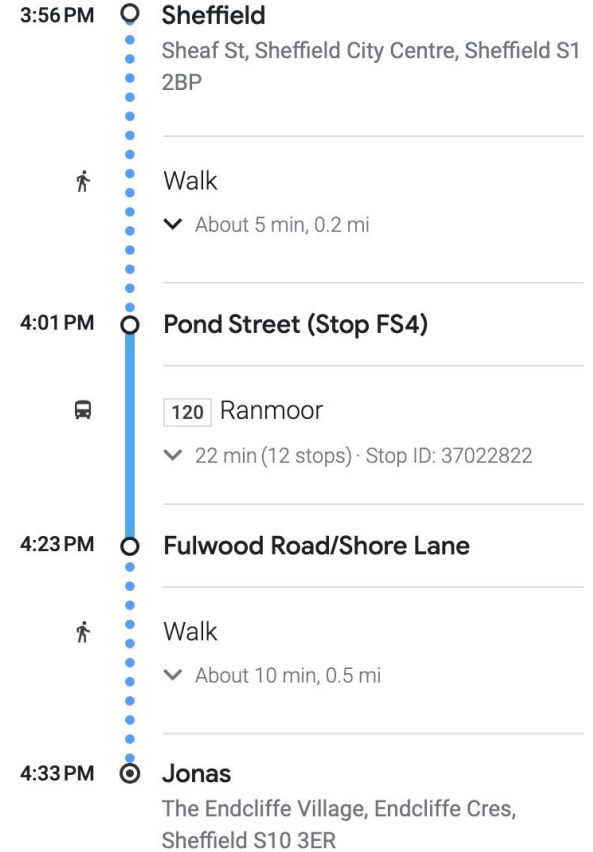
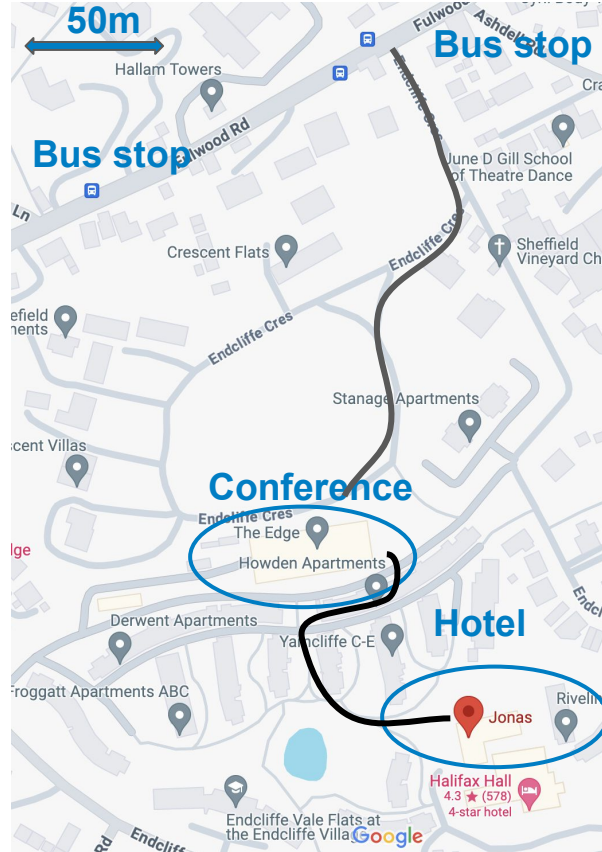
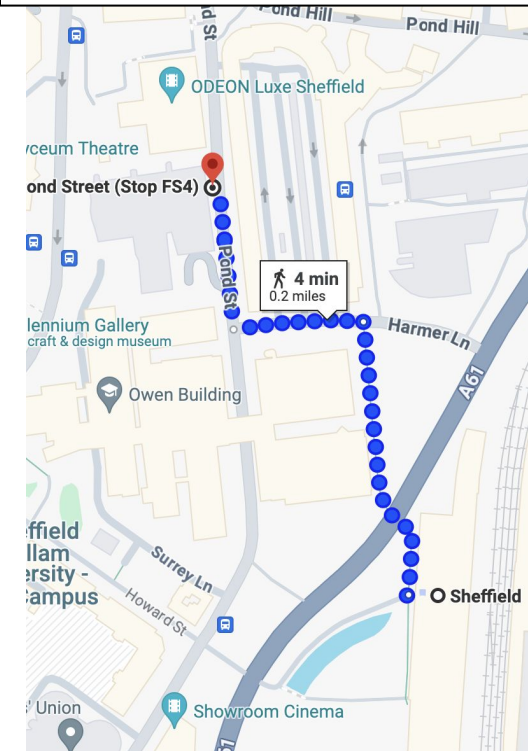
Sheffield, South Yorkshire's largest city, grew around rivers, valleys and blast furnaces. Today, however, it's the greenest city in the UK.

Today, with around 4.5 million trees across the city, Sheffield's tree population far outstrips its human one of just more than 550,000, with **more trees per person than any other city in Europe**. As Edwards put it, "this translates to approximately seven trees per resident with a tree cover percentage of 18.4%. This means that nearly one-fifth of the city's surface is covered by trees."

Train station to the Hotel/Conference

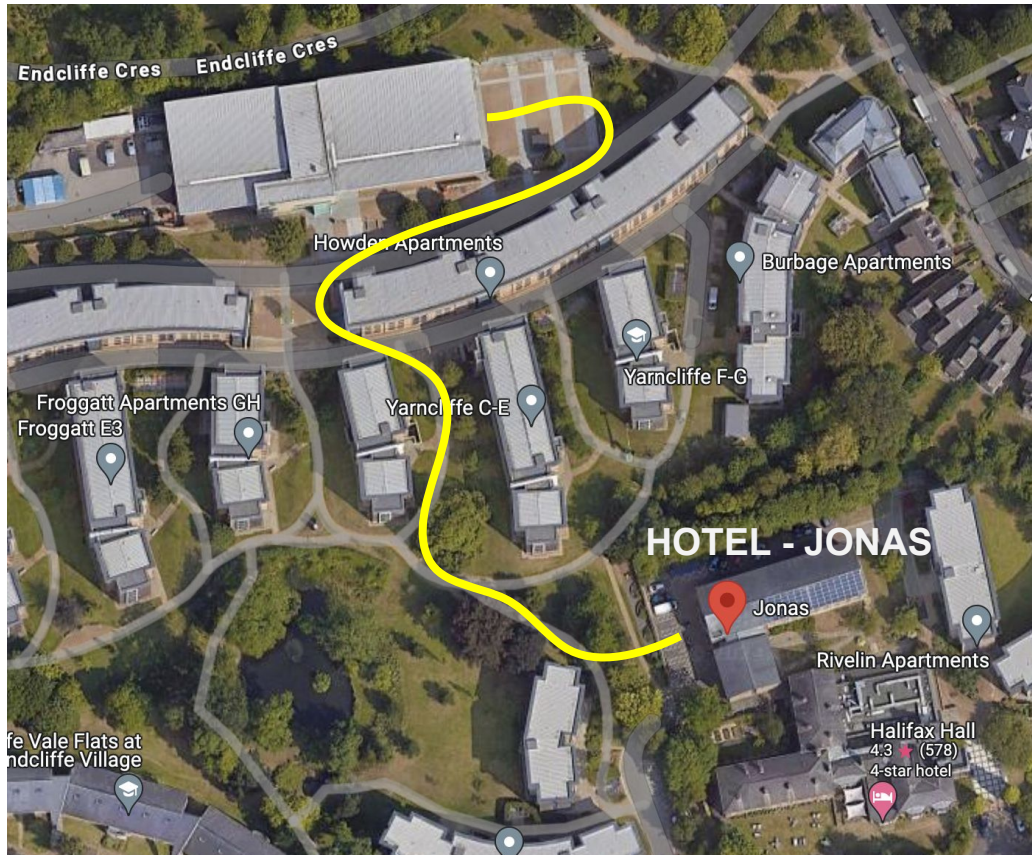
If using public transport: BUS 120 serves the conference venue

From the station to the bus stop.
Across Sheffield Interchange

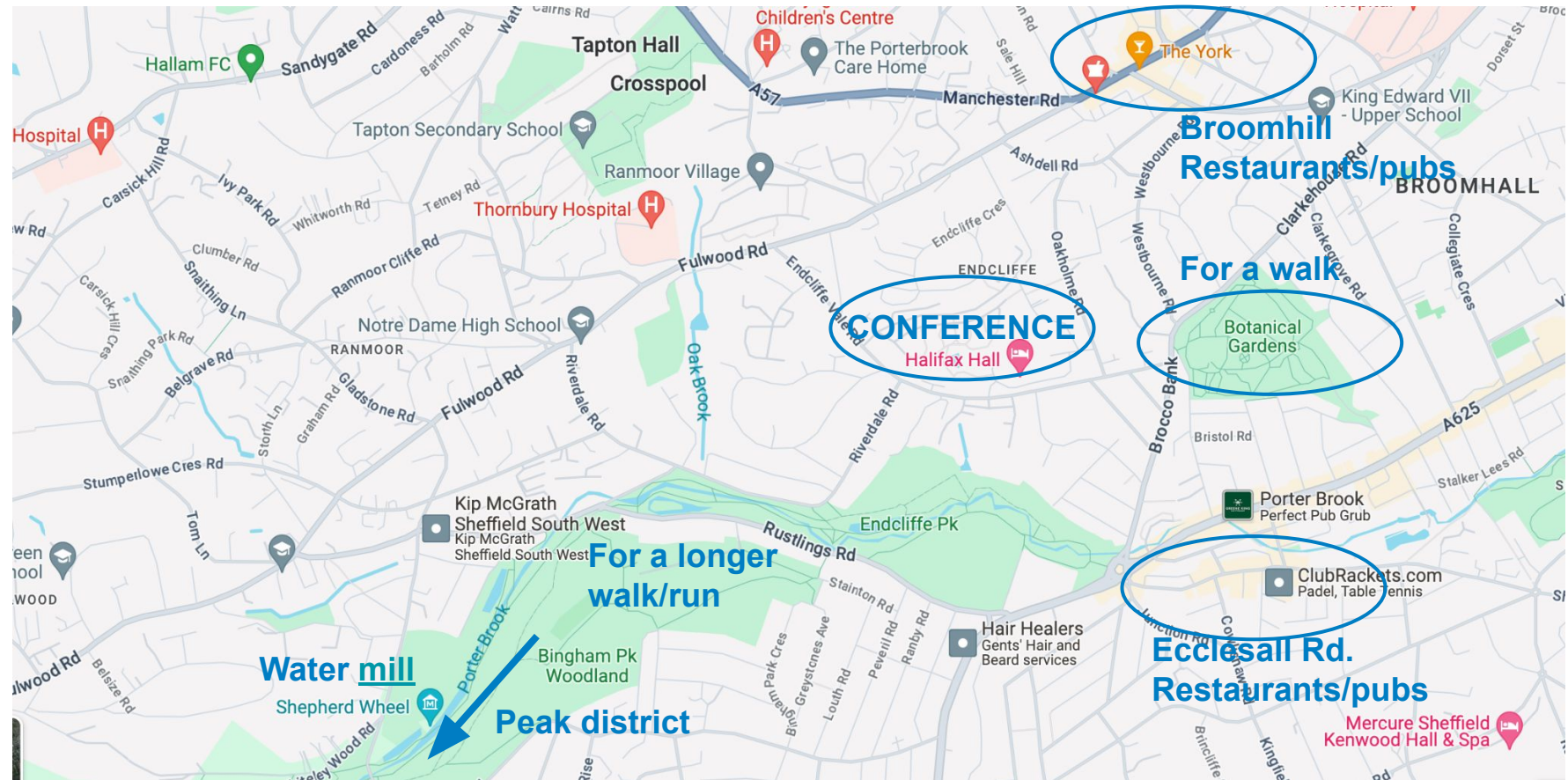


Around the village

Google maps would send you round. There is a path ~100m



What's around



Jonas hotel postcode is S10 3ER

If driving, please make sure you requested a permit. It's a pay-display area and the Endcliffe village has access barriers

Taxi:

- Taxi rank at the train station. Ask for Halifax Hall.
- Black cabs don't usually take cards (cash only)
- Uber
- Bolt
- Veezu (local company) 0114 2393939

Station to hotel : £9-£10

Hotel to centre: £7-£8

Bus fare: £2

Conference dinner on Tuesday

Cubana tapas bar, sponsored by BIOS-IT
<http://www.cubanatapasbar.co.uk/>

By bus with service 120

Or a 40' walk
(longer if you stop on the way...)

Or sharing taxis for a similar cost



PMB meeting

In the Physics building (Hicks building)

Room E39. Enter via main entrance on D-floor, one floor up to E-floor

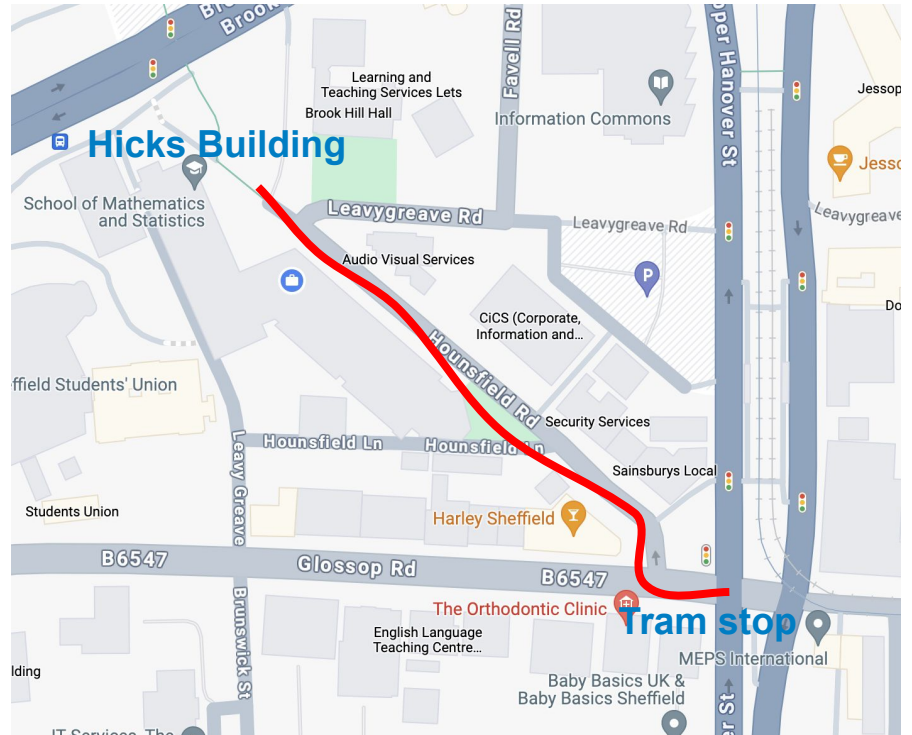
I'll post directions

Food and coffee booked for 1pm

Building postcode S3 7RH.

Public transport:

- Exit the station after Platform 8 (with a view towards Park Hill)
- Tram. Blue line to "University"
- Short walk towards Hicks building



Hicks building entrance



PMB dinner on Monday night.

All Siam Thai restaurant
639 Ecclesall Rd, Sharrow,
Sheffield S11 8PT

[Link](#) with menu

