

Welcome

19/08/2024

MicroBooNE Reco Workshop

The Warwick University logo, featuring a stylized white mountain peak above the word "WARWICK" in a blue, sans-serif font.

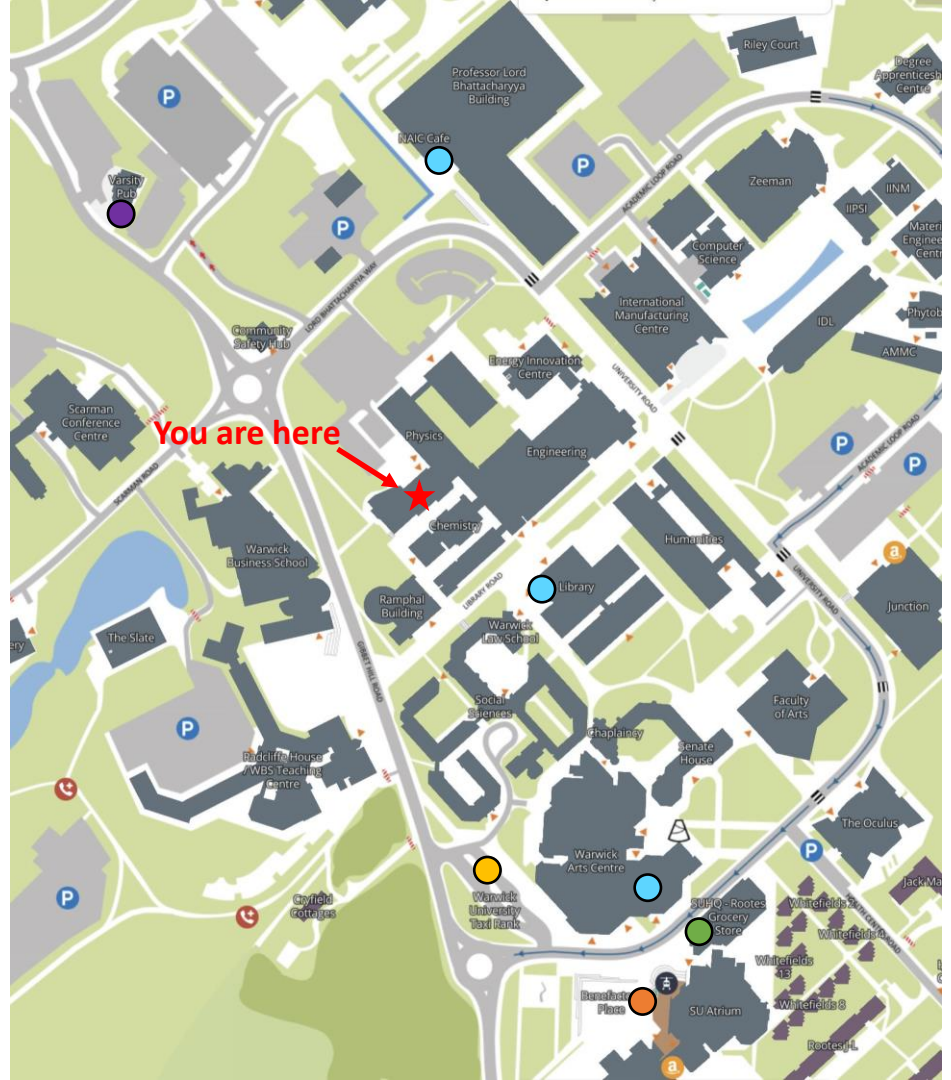
WARWICK

- Analysis goals
 - Understand impact of reco updates on analyses
 - Do these changes actually work for physics?
 - Low-to-intermediate statistics checks
 - Principally want to understand how signal selection changes with these updates
 - If events move in/out of signal between standard MCC9 and MCC9 + updates, we want to look at event displays to see how the reco changed
 - Do reco changes result in unexpected behaviour in downstream steps?
- MCC 10 goals
 - Get the various simulation workflows to run in MCC10
 - MCC10 reco2/ntuple on MCC9 reco1 inputs
 - Full generation through reco/ntuple
 - Once running, begin comparing the outputs of MCC9 and MCC10
 - Afro's scripts will likely be a useful basis for this
- Analysis retreat readiness
 - Ultimately, if the updates are effective and/or MCC10 works we'd like to be able to start generating new samples in time for the analysis retreat
 - This may require, e.g. retraining BDTs first

- As you'll have noticed, there was no registration fee, so everything will be covered by expenses
- Coffee breaks
 - About 10:00 and 14:00, except today, where 15:00 given the later start
 - Amazingly, it's actually cheaper/better to go the University cafes than to get the catering coffee
 - NAIC Café and Library Café are the closest options here
- Lunches
 - Plenty of options, there's a map on the next slide
- Moving around
 - You'll have noticed the workshop is in a card access-controlled area
 - Annoyingly, the department visitor cards all expired just in time for this workshop
 - Thankfully, Isobel has an alum card that we've been able to add the relevant access to, that we can use as a general-purpose access card that we'll leave at the front of the room if you want to get a coffee etc throughout
 - There's also a small kitchenette just outside this room

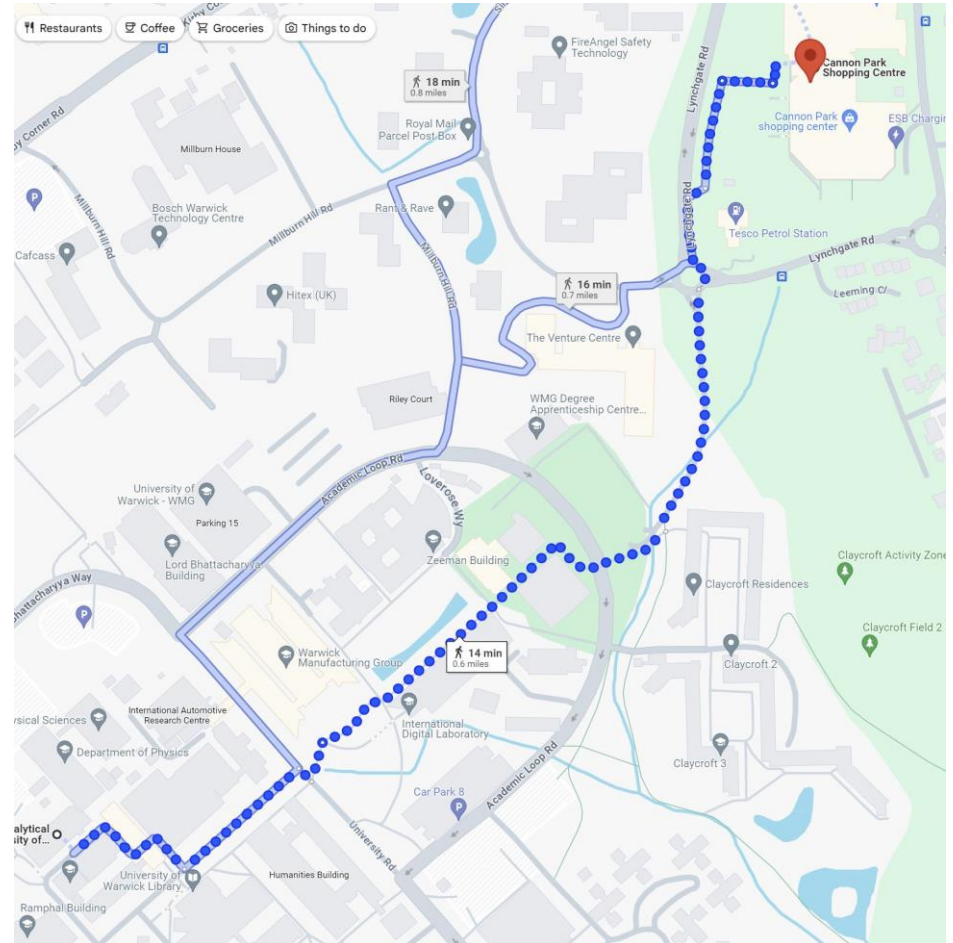
Practical details

- We're in the Materials and Analytical Sciences building
 - Toilets are just outside to the left (check)
- Cafes for coffee and lunch
 - Library Café
 - NAIC Café
 - Arts Centre Café
- On campus grocery store – Rootes
 - Be warned, it's not cheap
- Various lunch options in this area
- Varsity Pub
- Buses and taxis



Practical details

- There's also a shopping centre just 15 minutes walk away
 - It has a Tesco's, a Subway, a Gregg's, etc



Workshop dinner

- Tuesday 18:30 at The Drawing Board
 - U1 and 11 buses to Leamington both stop at the bottom of The Parade, a short walk from the venue
 - The venue is also only a 15-minute walk from Leamington station for anyone that needs to catch a train afterwards
- Please indicate your pre-orders via [this form](#) as soon as possible!
 - There are standard, vegan and gluten-free menus

