7th UK LArSoft School: Introductions

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8th November 2022
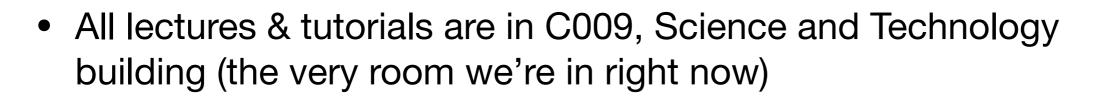
Welcome!

- **Welcome to the 7th UK LArSoft school**

- The aim of the workshop is to introduce new students, PDRAs and lecturers to the obtuse world of LArSoft, and provide our hard-learned tips and tricks

- Many of the tutors are previous attendees of this workshop, so you may be passing on your knowledge as a tutor here in a few years time

- We want to provide you with the basics, so that you can then go forth and do all of the awesome/painful things you want to do

- The workshop is also an excellent opportunity to meet your future collaborators

- This is the first time we are:

  - Running the school at Lancaster University

  - Running the school without providing desktops

  - Running 3.5 days of lectures/tutorials (formerly it was 3 days)

Logistics 1

- All lectures & tutorials are in C009, Science and Technology building (the very room we're in right now)

- All coffee breaks are in the kitchen area just outside of this room

- All lunches are in Charles Carter A19 (just across from this building, we will take you there). You are welcome to eat in that room, this room or take your lunch wherever you want

- We have organised a group dinner on Wednesday 9th November at **Greaves Park** in Lancaster City Centre, starting at 7:30pm

  - We will most likely travel over together by bus. We can go over this in more detail tomorrow

Logistics 2

- You will all be working on a server which can be accessed with the following URL: http://py-dom.lancs.ac.uk:8080/guacamole/#/

  - User/Pass combinations will be handed out

- We also have eduroam logins if, for whatever reason, your institution login is not working. Ask me for a login if you need it

- We have a workshop slack (you should all have had the invite link to join)

  - There is a slack channel for each grouping of lectures and tutorials. You are welcome to ask questions there, or in person during the lectures/tutorials

Logistics 3

- The workshop consists of a mix of lectures and hands-on tutorials

  - The formula is typically a lecture followed by a hands-on tutorial, but it varies depending on the topic

- We will cover: Fermilab computing, larsoft TPC simulation, larsoft light simulation, LArTPC reconstruction with pandora, analysis with larsoft, and deep learning

- The output of each tutorial typically feeds into the next tutorial; we have backup files incase you don't complete a particular tutorial

Lets introduce ourselves

- We'll go around the room and say who we are, I'll start

- …..then we'll get started with the workshop. We all hope you find it useful!