

DUNE Database Workshop



*DUNE Database Workshop, CSU
Dec 3-4, 2019*

Welcome to CSU and Ft Collins!

Meeting logistics

Both days of the meeting will be in this building (Lory Student Center)

Tomorrow we will be in a different room (LSC 378)

Breakfast, lunch and coffee for breaks is provided and will be served in the meeting rooms.

Dinner tonight is also covered by the workshop (except alcoholic beverages)

Restaurant: Beau Jo's Pizza (details on Indico site)

Meeting logistics

Parking passes are required for the lots and fines are hefty.

I have parking passes – so please see me ASAP if you need one and haven't got one yet. Passes are good for one day only and be careful to scratch the correct date off. Also – don't park in a metered spot if you are using a pass.

For internet connections you can use:

csu guest network - no password needed

Eduroam if you have an account (probably better option)

If you have comments/questions let me know.

Goals of the meeting

First and foremost, the point of the meeting is to have a couple days of (guided) fruitful discussion to facilitate the generation of requirements and implementation decisions.

Goals:

- Agreement of overarching database design (central conditions DB with connections to “peripheral” databases)
- Defined interfaces (and documents) between databases and other groups – particularly between hardware database and various consortia and between hardware database and integration group.
 - The interface between the end-user and the conditions database will also need to be defined (and well understood – including use cases) in order to finalize implementation plan

Goals of the meeting

- Draft requirements for hardware and conditions databases
 - As more input is needed from consortia and end users this will not be finalized requirements
- A list of R&D projects/ideas for possible computing proposal (FOA out just a few days ago)
 - As discussions progress, we should be thinking of how to cast ideas in terms of this proposal.
- Plans for getting to protoDUNE II – the full suite of databases should be exercised – we didn't quite get there for protoDUNE I.
- Lastly, it would very useful to have some agreed-upon nomenclature to prevent confusion. For example, the term conditions database means different things to different people.

Database Design (proposed)

