

# DUNE DAQ Conceptual Design Review

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# Questions so far

- Development plan / integration talks
  - ▶ -> Jim / Tim (maybe)
- Clarification of baseline proposal for trigger R&D
  - ▶ -> Georgia
- Software development practices
  - ▶ -> Alessandro
- Evolution of interface documents
  - ▶ -> Dave (now)

# Interface document evolution

- Not just about fibres and connectors
  - Also define the basic divisions of responsibility for provision and installation of systems
- ‘Stage 0’: requirements, basic principles, responsibilities
  - Sufficient to engage in conceptual design of both systems
  - Largely documented in IDR / interface notes – most interfaces at this stage
- ‘Stage 1’: technical specifications, dataflows
  - How many, where, what technology, at what cost?
  - Sufficient to inform technical design of systems
  - Some details on TDR, but need to evolve interfaces to this level ‘now’
- ‘Stage 2’: implementation details (e.g. protocols)
  - Sufficient to inform development and commissioning plans of subsystems
  - Going to this level requires frozen design choices on both sides
  - Target ‘physical’ interfaces mid-2019, CISC / computing late 2019
  - A little late for my taste, but much work to do in the other systems