

# CDR outline

- **Introduction to DUNE Offline computing challenges**
- **The “event” scale – frameworks**
  - Processing chains and algorithms
  - Computing landscape (single core vs HPC...)
  - Framework review and conclusions
  - Data formats and ML
- **The “global” scale - storing the data and accessing it**
  - data types and lifetimes
  - data management
  - CPU resources and workflow
  - Networking
  - Monitoring
  - Databases
  - Global Resource model

- **Keeping up with complexity**
  - integration
  - code management
  - security
  - training and documentation
- **Status and Conclusions**

~ 70% of text written but undergoing a major reorganization