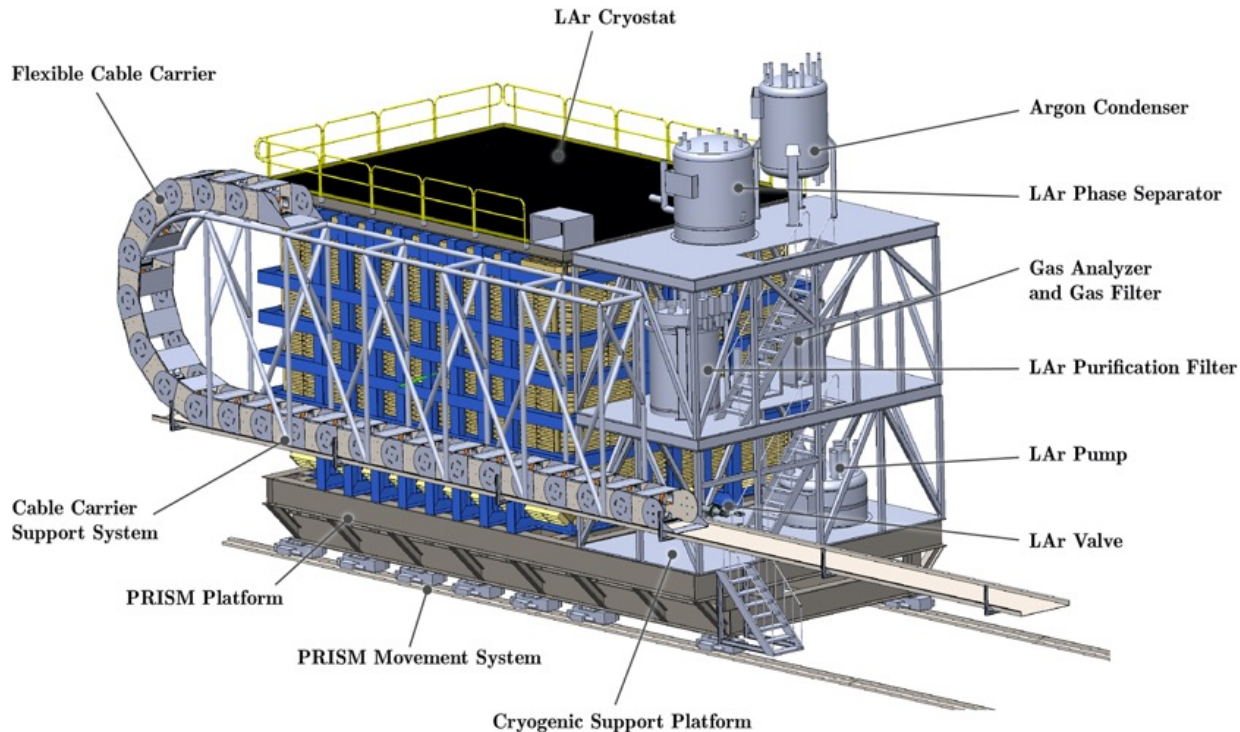


DUNE ArgonCube ND LArTPC Consortium

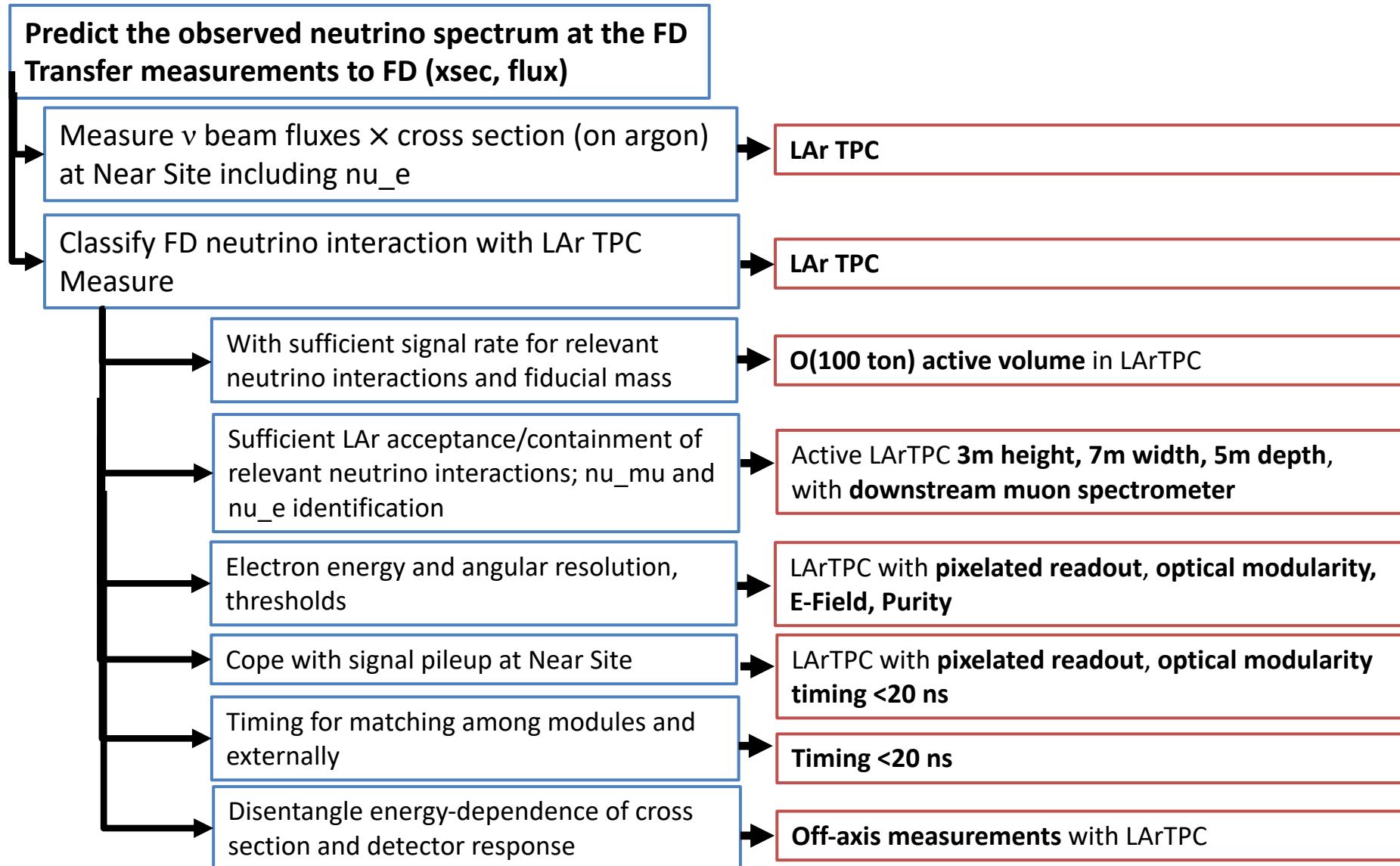
Consortium meeting 3. Sept. 2020

ArgonCube DUNE ND LAr consortium !

Design, prototyping, production, installation and commissioning of the ND LAr TPC for DUNE



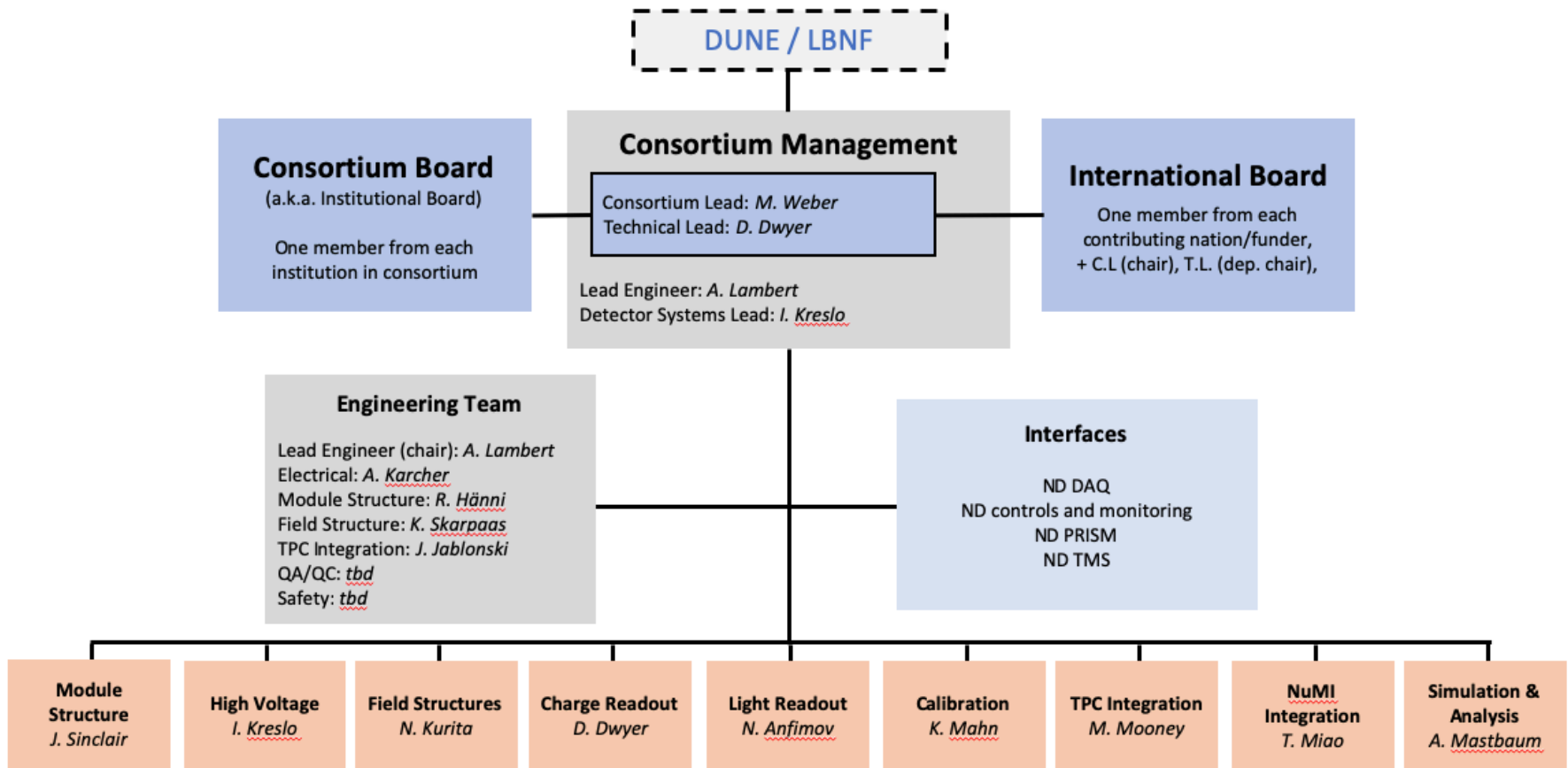
Near Detector Requirements



ArgonCube ND LAr Consortium

- LBNL
- RAL
- U Rochester
- U Pennsylvania
- ANL
- Rutgers U
- U Iowa
- U Minnesota
- U Oxford
- Fermilab
- UCSB
- Wichita State U
- William and Mary
- U Bern
- Caltech
- CSU
- SLAC
- UC Irvine
- UC Berkeley
- U Sheffield
- U Manchester
- York U
- JINR
- U Lancaster
- ANL
- Tufts U
- UC Davis
- U Cambridge
- UTA

Organization: DUNE ND LArTPC ArgonCube Consortium



Initial configuration, will evolve

Practical Info

- Consortium email list DUNE-ND-LAR-CNSRT@FNAL.GOV,
- Meetings on INDICO <https://indico.fnal.gov/category/924/>
 - Biweekly consortium meetings on Thursdays at 9:30 CT
 - Biweekly analysis meetings alternating with the consortium meeting Thursdays 9:30 CT
 - Engineering meetings weekly on Fridays at 10am CT
 - Coordinator meetings weekly on Fridays at 11am CT
- WiKi page: https://wiki.dunescience.org/wiki/Near_Detector_Lar
- Slack channels (DUNE):
 - nd-lar
 - lar-nd-analysis
 - lar-nd-reco
 - More...

Work

- We have a consortium
 - Established modular ArgonCube LAr component into the DUNE ND
 - CDR (under NDDG), being reviewed
feedback received from DUNE review ("30% CDR") and LBNC
 - R&D on components completed
- Ahead:
 - Demonstrator programS (more from Dan, 2x2, ND module)
 - Technical Design Report (and its reviews)
 - Reconstruction and analysis
 - Specifications, Risks, Costs, MoUs,

DUNE Collaboration meeting

- 21.9. – 25.9.
 - ArgonCube parallel session ?
 - Detector development
 - Analysis (link to ND overall ?)
 - More ?
- => Request for talks to James / Andy M.