

ePIC Streaming Computing Model

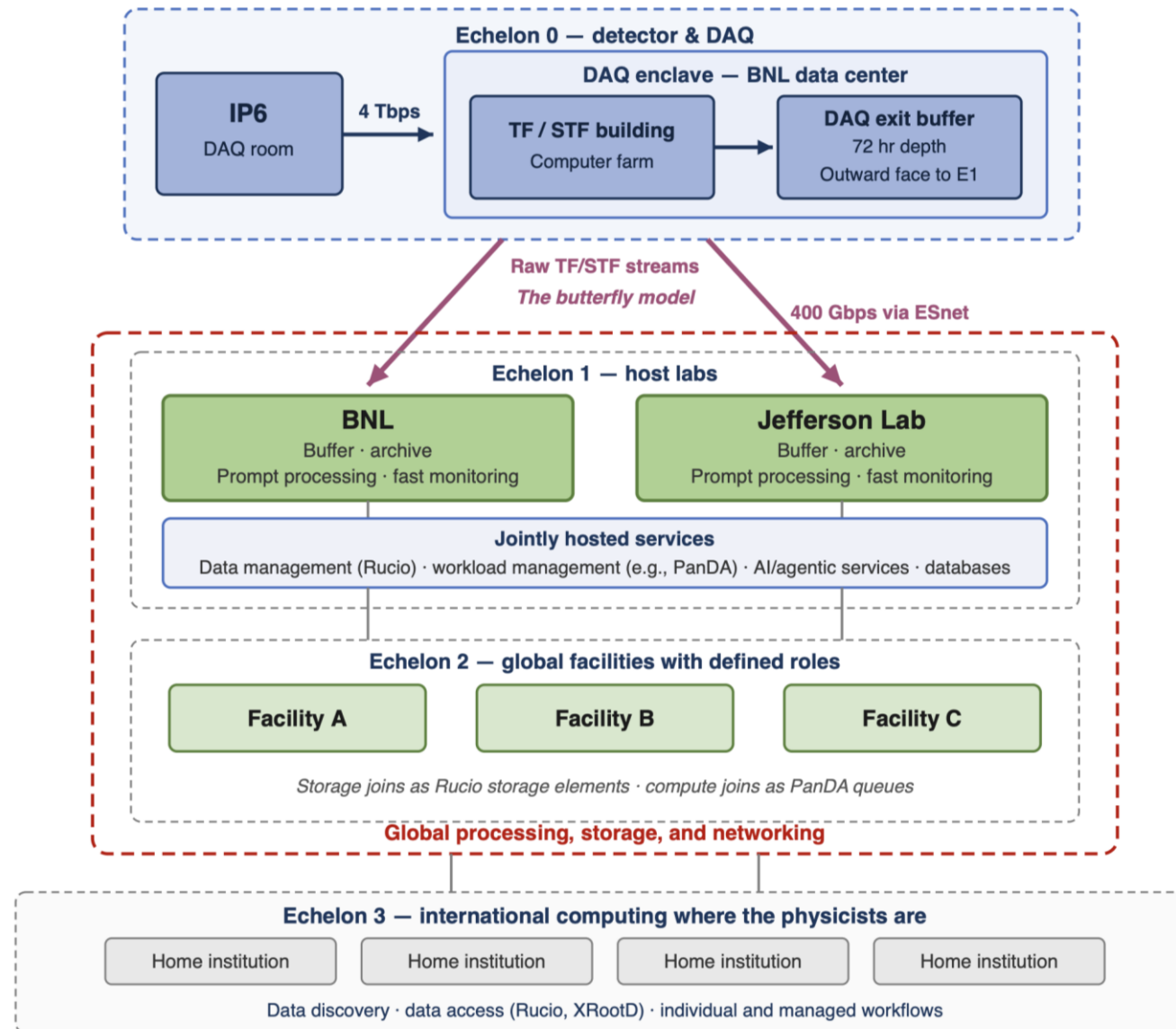
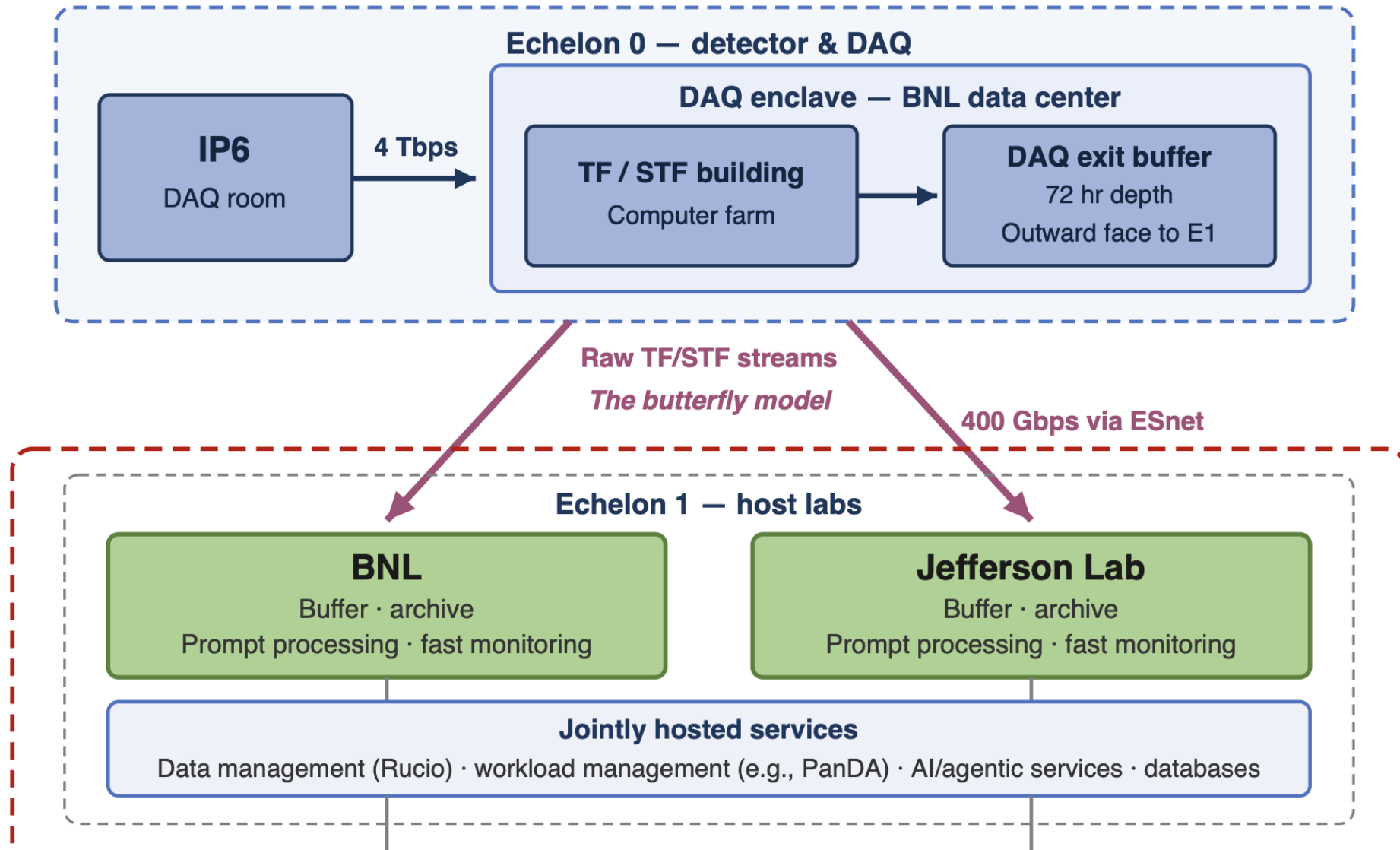


Diagram by Torre Wenaus

E0-E1 Interface



E0-E1 Interface Notes

Linked from Indico



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E0-E1 interface notes

Notes from the [collaboration meeting parallel session](#)
Torre Wenaus et al

Commenting on, feel free to contribute!

Notes from the collaboration meeting parallel session
Bold material: open questions, status for the Feb 10 discussion

ePIC Collaboration Meeting, BNL
Jan 21 2026

Next Steps and Open Questions

Next step

- Formalize the E0–E1 interface in the Streaming Computing Model report/publication.
- Discussed detailed technical notes if needed.
- **Target: September 2026**

Main open questions

- Raw-data and STF definitions and timeline
- Evolution of the state model and transition rules
- Latency requirements
- Calibration and conditions databases
- Information and control interfaces between E0 and E1
- AI readiness and AI-enabled control