

VT Agenda - Wednesday July 30

09:00 Coffee and chat; introductions

09:15 QuarkNet Housekeeping

- [Registration](#)
- [Must-do items](#)

09:30 Ice-breaker: Particle Cards

10:00 Introduction to Particle Physics at Tech

10:45 Break

11:00 Introduction to Cosmic Rays and the Cosmic Watch (Dan's [Slides](#))

11:45 Discussion and reflection

12:00 Lunch

12:30 Cosmic Watch construction, testing, troubleshooting (take break as needed)

15:30 Discussion and planning

16:00 End of day

Thursday July 31

09:00 Coffee and chat

09:15 More QuarkNet

- [What is QuarkNet?](#)
- Data Activities Portfolio

09:45 Continue CW assembly

11:45 Discussion and reflection
[Cosmic Watch links](#)

12:00 Lunch

13:30 [Cosmic Watch Activities](#) ([results](#))

16:00 End of Day

Friday August 1

09:00 Coffee and chat

09:15 [Neutrino Physics Tutorial \(MINERvA\)](#)

- [response slides](#)

10:00 MINERvA Masterclass measurement

- [slides](#) and [screencast](#)
- [data](#)
- [spreadsheet](#)

12:00 Lunch

13:00 Lab visit (bring CWs)

13:30 Create Implementation Plans

- [Google slides](#) (one slide per implementation idea; make more slides if you need them)

14:30 Break

14:45 Present Implementation Plans

15:30 Final discussion: About QuarkNet

- [Questions](#)
- [Responses](#)

Homework: Teacher Survey (please do by Monday)

- If a teacher completed the Full Teacher Survey anytime in 2023 or 2024, then complete the UPDATE: 2025 Teacher Survey at <https://www.surveymonkey.com/r/7F25FPN> (Plan for ~6 minutes here.)
- [OR...Spanish version of Update Survey: <https://www.surveymonkey.com/r/73LPW7S>]
- If a teacher did NOT complete the Full Teacher Survey anytime in 2023 or 2024, then complete The Full Teacher Survey: <https://www.surveymonkey.com/r/7NXRLK3>. We ask that an individual teacher complete this only once in 2025. (Plan for ~15-20 minutes here.)