

QuarkNet

QuarkNet and IMC





What is QuarkNet?

Teacher Professional Development in Particle Physics

- Small staff and PI group
- ~50 centers across U.S.
- 1-2 mentors, 5-20 teachers per center: learning community
- Opportunities for teachers and their students

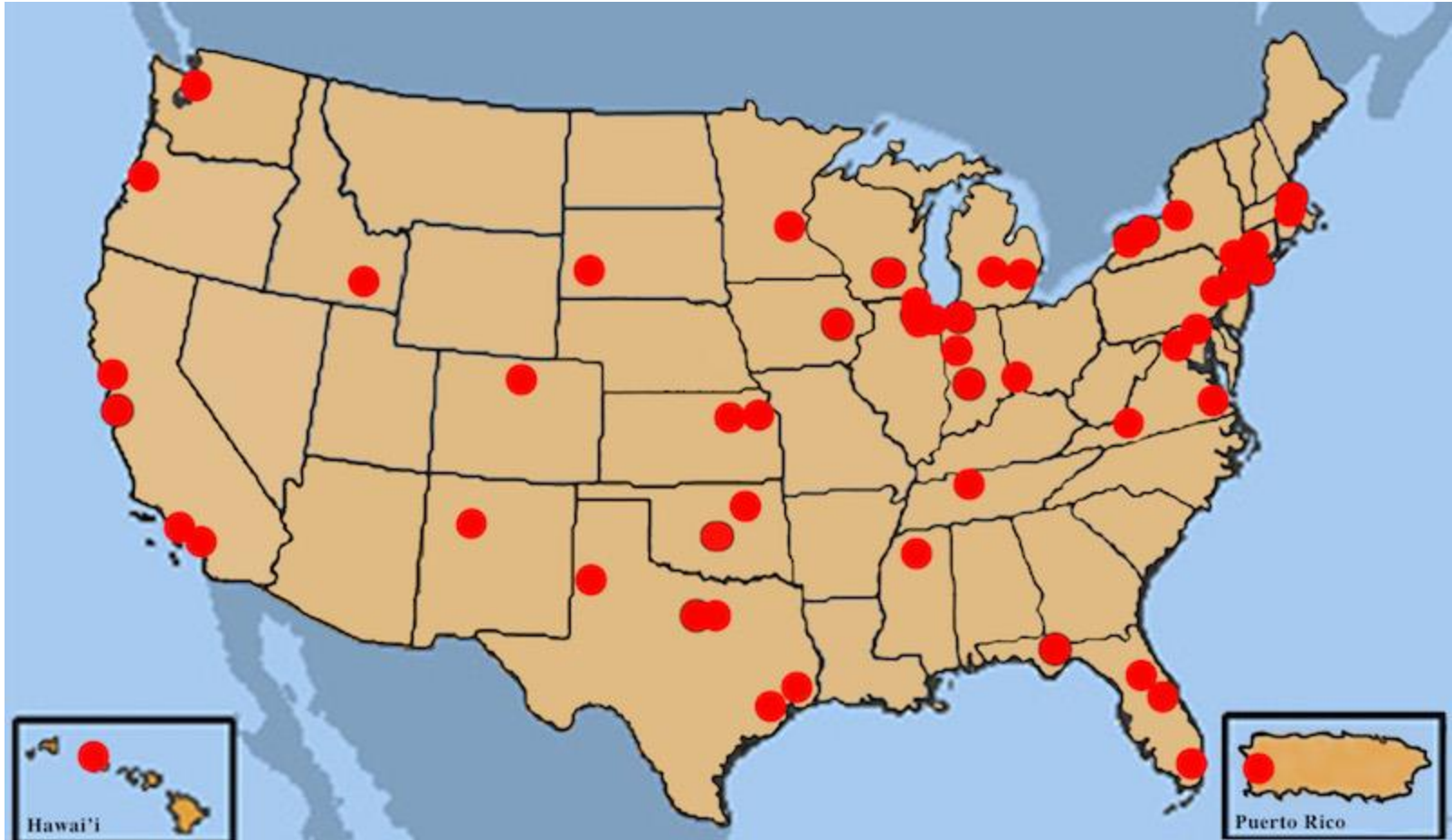
QuarkNet in IMC:

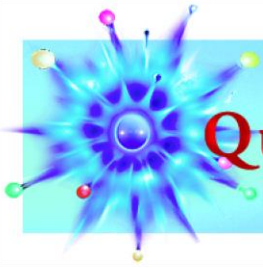
- Developed CMS masterclass
- Developed MINERvA Neutrino Masterclass
- More in the pipeline
- Maintains Fermilab-based IMC videoconferences
 - ATLAS Z-path
 - CMS WZH-path
 - MINERvA
- Reaches in...to QuarkNet centers
- Reaches out...beyond QuarkNet and to the world



QuarkNet

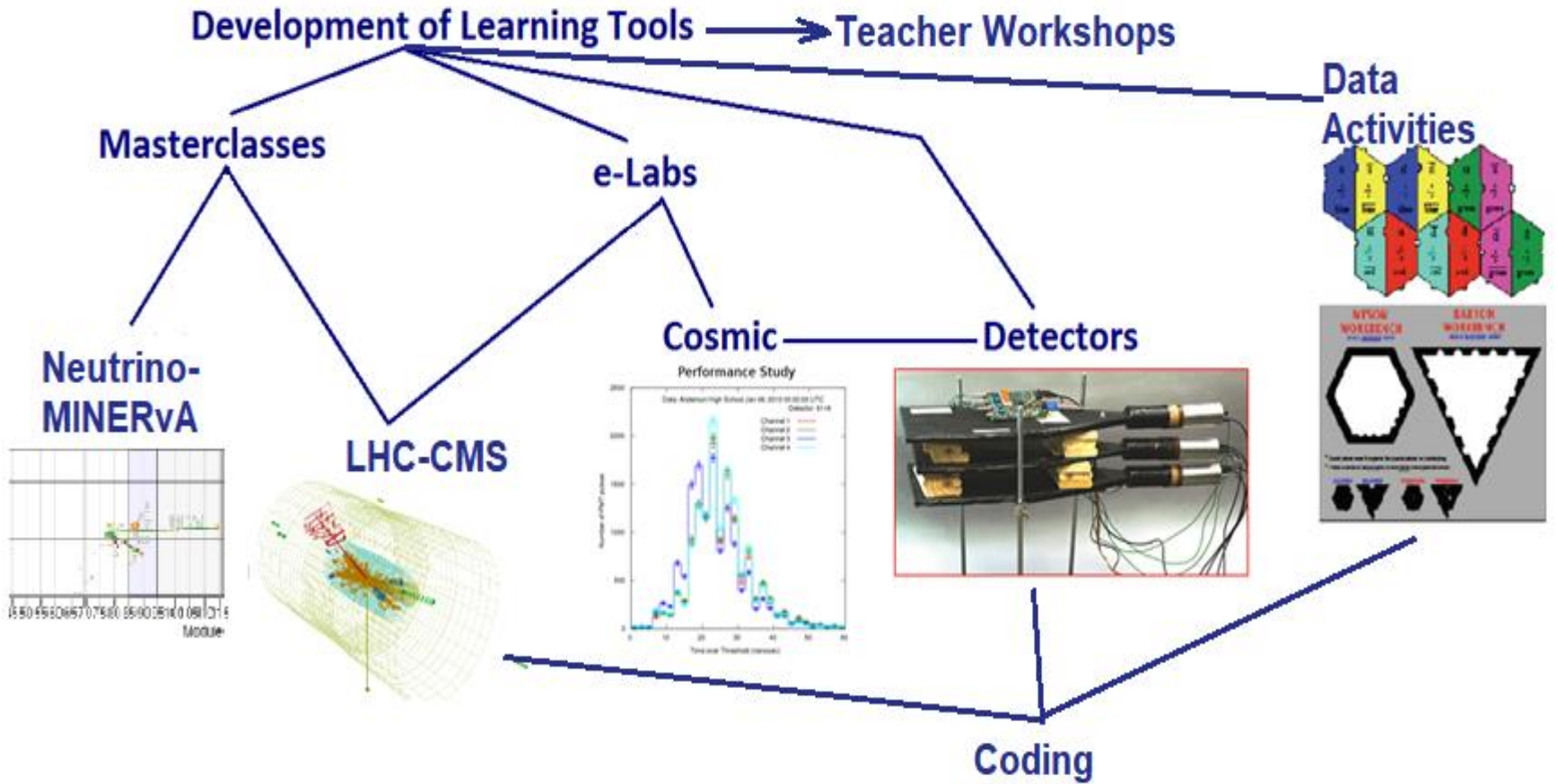
Context

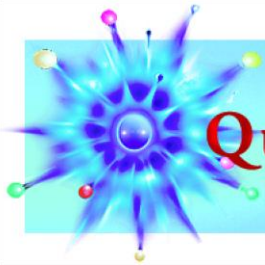




QuarkNet

Context





QuarkNet

Fermilab Masterclasses

2021 Schedule for ATLAS masterclass videoconferences moderated by Fermilab

This will be updated as registrations are received.

Times are in U.S. Central Time. (Convert to your time zone@.) This schedule is subject to change.

Date/time (U.S. Central Time)	Institutes	Moderator(s)	Staff	Zoom link
Sat 06 Mar/14:00	SantaCruz	Cecire	Wegner	videocon
Thu 11 Mar/09:00	NewYorkMarconi	Darmora	Cecire	videocon@
Fri 12 Mar/20:00	Singapore, Winamac	Glover	Wood	webinar@
Sat 13 Mar/09:00	Faro	Darmora	Wegner	videocon@

2021 Schedule for CMS masterclass videoconferences moderated by Fermilab

This will be updated as registrations are received.

Times are in U.S. Central Time. (Convert to your time zone@.) This schedule is subject to change.

Date/time (U.S. Central Time)	Institutes	Moderator(s)	Staff	Zoom link
Wed 17 Feb/14:00	ViennaVA	Glover	Cecire	videocon@
Sat 20 Feb/16:00	Colima, Sonora, PueblaBUAP-I	Malik, Hogan	Cecire	webinar@
Tue 23 Feb/09:00	Plainview-Old Bethpage	Abreu, Bonilla	Cecire	webinar@
Fri 26 Feb/14:00	Queretaro, Tlaxcala	Hall, Mantilla	Cecire	webinar@
Sat 27 Feb/14:00	Buffalo, Williamsburg	Yu	Wegner	webinar@
Tue 02 Mar/14:00	PueblaCardenas PueblaZapata Puebla2Octubre	Carillo Vazquez Uribe	Wood	webinar@

2021 Schedule for MINERvA masterclass videoconferences moderated by Fermilab

This will be updated as registrations are received.

Times are in U.S. Central Time. (Convert to your time zone@.) This schedule is subject to change.

Date/time (U.S. Central Time)	Institutes	Moderator(s)	Staff	Zoom link
Fri 26 Feb/13:00	Pittsburgh	Norrick	Cecire	webinar@
Wed 03 Mar/12:00	Rochester	Olivier	Wood	webinar@
Thu 04 Mar/08:00	Manchester, Amman, New Delhi	Olivier	Wood	webinar@
Sat 06 Mar/14:00	Piscataway, Minneapolis	Junk	Pasero	webinar@
Thu 11 Mar/14:00	Medford, Mishawaka	Martinez	Wood	webinar@
Sat 13 Mar/13:30	Mayaguez	Fine	Pasero	webinar@
Wed 19 May/08:30	Wayzata	Olivier	Wood	videocon@



Fermilab Moderators



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In conclusion

Are we...

Willing and able to share ideas and resources? Yes!

Open to new ideas? Yes!

Open to new measurements? Yes!

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