

QUARKNET

Who we are

QuarkNet is a National Science Foundation program for high school teacher professional development in particle physics. We are physicists and teachers working together in more than 50 QuarkNet centers at universities and labs across the United States.

What we do

Together we work to bring authentic data from particle physics experiments at places like CERN and Fermilab to our students, and help them apply their classroom learning to the most fundamental questions about the universe.

Cool physics

From using data from the Large Hadron Collider to reveal how neutrinos interact with atomic nuclei, to measuring the size of particles, to developing code to calculate the lifetime of a particle, QuarkNet helps students discover particles all around us.

Great opportunities

QuarkNet teachers have measured cosmic rays in the Rockies, studied with colleagues at CERN, made new connections at Fermilab, and formed tight teams in their own QuarkNet Centers. And much more!

