21st Century Physics in the Classroom

INTERNATIONAL MASTERCLASSES
hands on particle physics

International Particle Physics Outreach Group

NSF

U.S. DEPARTMENT OF ENERGY | Office of Science

UNIVERSITY OF NOTRE DAME

Fermilab

QUARKNET

~5 PI's and national staff

~50 QuarkNet centers across the U.S.

~500 teachers

Supporting Physics Teacher Communities

QuarkNet Centers

QN Staff work with mentors and lead teachers to provide workshop for teachers, masterclasses, and other activities at centers.

QUARKNET

Supporting Physics Teacher Communities

National & International Opportunities

Summer Session for Teachers
Data Camp
Coding Camps 1 & 2

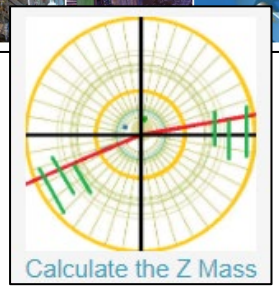
HST @ CERN
ITW @ CERN

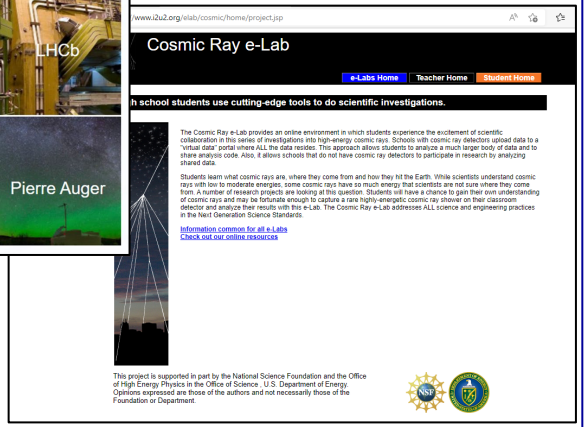
Supporting Physics Teacher Communities

Resources

Data Activities Portfolio
Cosmic Ray e-Lab
CMS e-Lab
International Masterclasses
World Wide Data Day

Partnerships:
STEP UP
IRIS-HEP





QUARKNET

Centers in our area

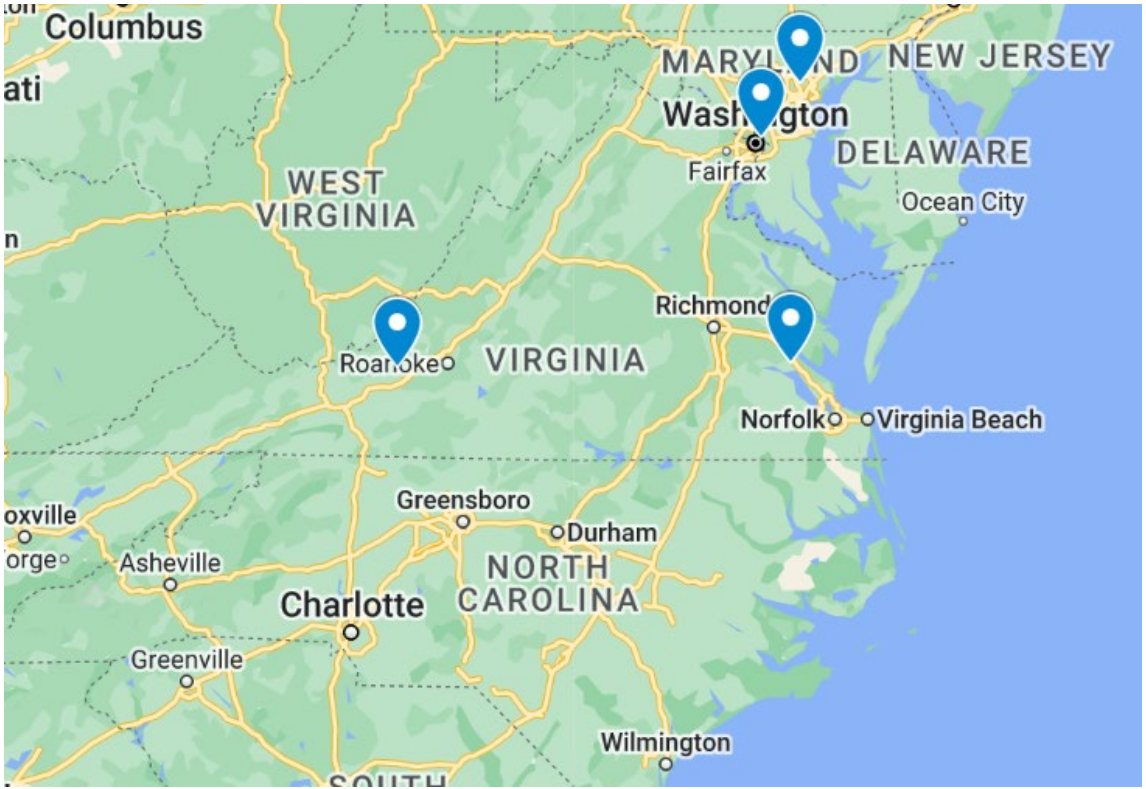
Johns Hopkins

Catholic University

Virginia Tech

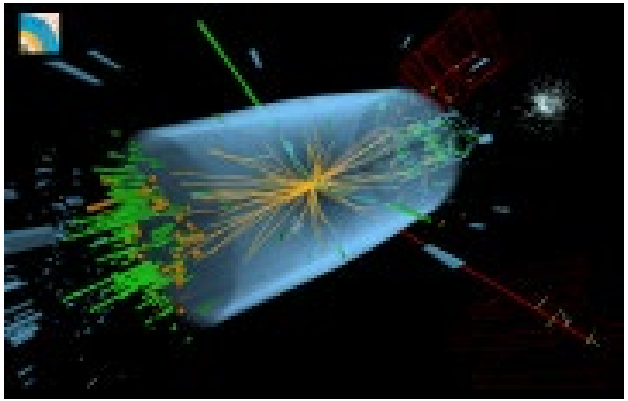
Virginia

Virtual Center



QUARKNET

Website: quarknet.org



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