

## CSAAPT Spring 2022 Semi-Virtual Meeting



Chesapeake Section of the  
American Association of Physics Teachers  
Spring 2022 Semi-Virtual Meeting  
April 2, 2022 @ **RADFORD** UNIVERSITY

Contribution ID: 9

Type: **Talk**

# QuarkNet: Particle Physics....in High School!

*Saturday, April 2, 2022 2:45 PM (15 minutes)*

Many career and research opportunities in physics today are in the field of particle physics. However, particle physics is often not covered in introductory courses- leaving students in the dark about these career paths! This talk will introduce you to the opportunities and resources (including ready-to-go lesson plans) provided by Fermilab's QuarkNet program for university faculty, high school teachers, and current students. I will present examples of real student work from my classes, and suggestions for the implementation of these lessons. Adaptations I have made to this material for virtual/hybrid instruction will also be featured.

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**Session Classification:** Afternoon Session 1