Speaker: Marge Bardeen (Fermilab)

Title: Run Like a Proton and Other Ways to Engage Young People with Science

Abstract: We discuss why scientists should reach out to other people to share the excitement of doing their science, and who currently participates in outreach. We share some barriers to participation and how to overcome them. Then we have some fun talking about how to create interest and develop understanding through authentic experiences including examples from QuarkNet, a long-term program to bring high school teachers and their students into the particle physics research community.

Marge Bardeen received her B.A. in mathematics at the University of Minnesota, where she also did graduate work in computer science. Marge is currently the Education Office Manager at Fermilab. In this role she has worked to increase interest in STEM jobs and improve scientific literacy among students and the community.