

Santa Fe Science Café for Young Thinkers

“Discovering New Particles”



Sally Seidel
University of New Mexico

Wednesday, February 25
6:00-7:30 PM

Georgia O’Keeffe Museum
Education Annex
123 Grant Avenue, Santa Fe

Discovering fundamental new particles such as the Higgs Boson involves teams of thousands of people, from dozens of nations, working together to build experimental facilities so large that if they weren’t buried deep underground, they would be visible from space. The detectors typically have tens of millions of components specially designed and built for this purpose alone. Why is all of this effort worthwhile? Come learn how the discovery of each new particle can unlock the answer to a fundamental question about the nature of the Universe.

Admission is Free. Youth (ages 13-19) seating a priority. Light refreshments will be served.

Sally is a professor of physics at UNM. She studied and trained at Yale, the University of Michigan and the University of Toronto. She is a member of ATLAS, one of the two experiments to discover the Higgs boson.

Sponsors: Santa Fe Alliance for Science; Santa Fe Public Schools; Georgia O’Keeffe Museum; Santa Fe Institute. Call 603-7468 for more information.