

Rosi Reed is an Associate University Professor at Lehigh University. She received her Ph.D. from the University of California, Davis in 2011, and a BS from San Jose State University in 2002. She is an NSF Career award winner and deputy project leader for the Event Plane Detector at the STAR experiment at Brookhaven National Laboratory. Rosi Reed is interested in the structure of the strong nuclear force, Quantum Chromodynamics, at high temperature and extreme energy densities. More specifically, she uses particle jets as a probe of the nearly perfect liquid formed in ultra-relativistic heavy-ion collisions to perform tomography of the medium and infer fundamental Quantum Chromodynamic properties. She is a coauthor on a review paper published in the Review of Modern Physics, a coauthor on 270 papers as a member of the STAR, sPHENIX and ALICE collaborations and has given 58 talks including plenary talks at prestigious conferences such as Quark Matter.