

Daniel Tapia Takaki is an associate professor of physics at the University of Kansas, working in the field of experimental heavy-ion physics, and high-energy QCD studies in general. He is a member of the ALICE Collaboration at CERN and of the Electron-Ion Collider (EIC) to be built at Brookhaven National Laboratory. His team is a member of two research and development (R&D) projects for the EIC, the electron Compton polarimetry, and developing novel Monolithic Active Pixel Sensors for calorimetry applications. Together with theorists, he has also developed quantum tomography methods for collider physics and has carried out phenomenology studies in ultra-peripheral heavy-ion collisions. He has held multiple research responsibilities for the ALICE and CMS collaboration at CERN. He is currently the chair of the ALICE-USA Council and a member of the ALICE Physics Board. He is an active member of the American Physical Society (APS) division of nuclear physics and its topical group on hadronic physics. He currently serves on the executive committee of the APS Prairie section and the US LHC Users Association. He is also a member of the National Society of Hispanic Physicists and has worked on projects to promote diversity in the sciences. His research is funded by the Department of Energy, Office of Science, Nuclear Physics. He is also the program lead of the Inter-American Network of Networks of QCD Challenges (IANN-QCD), an initiative funded by the National Science Foundation AccelNet program. His R&D projects are also funded by the Department of Energy's Established Program to Stimulate Competitive Research (EPSCoR) program. He obtained his BS and MS degrees at the University of Sonora in Mexico, and his Ph.D. at the University of Birmingham, United Kingdom. He was a postdoctoral fellow and CNRS researcher at Paris-Sud University in Orsay, France.