

談話会のご案内

“Current Research Activities at the Chacaltaya Cosmic Ray Laboratory”

講師：Martin Alfonso Subieta Vasquez (University of San Andrés, Bolivia)

1月22(水) 10:30-11:30 場所：総合研究棟W701室

Abstract:

The Chacaltaya Observatory boasts a remarkable 72-year legacy of research in astroparticle physics, particle physics, and related fields. Over the decades, the laboratory has been the site of numerous groundbreaking experiments in cosmic ray physics, including the BASJE (Bolivian Air Shower Joint Experiment), which also made significant contributions to gamma-ray astronomy, establishing itself as a pioneer in the field during the 20th century. Today, the Chacaltaya Observatory continues its tradition of scientific innovation as the host of ALPACA (Andes Large Particle Array for Cosmic Rays Physics and Astronomy), an international collaboration initiated in 2017 involving Japanese, Bolivian, and Mexican institutions and universities. In addition to ALPACA, the laboratory supports other key experiments, such as SAMADHA (South Atlantic Magnetic Anomaly Dosimetry at High Altitude), LAGO (Latin-American Giant Observatory), and HAGARES (High Altitude Gamma Rays Energy Spectrum). This presentation will provide a comprehensive overview of these experiments and their contributions to the advancement of cosmic ray physics and gamma-ray research.

対象：教員及び学生(どなたでもご参加下さい。) 世話人：片寄祐作(内線:4321)