

CU Physics Department Particle Seminar

Wednesday, November 16, 2011 705 Pupin Hall 1:00 PM



Latest MINOS Results and Future Prospects

Neutrino physics continues to generate baffling surprises and the measurement of neutrino properties still poses many experimental challenges. The MINOS long-baseline neutrino experiment, located at Fermilab and northern Minnesota, uses the most powerful neutrino beam in operation to measure neutrino oscillation phenomena with unprecedented precision. I present the most recent results from MINOS and describe the future plans for the new MINOS+ project, which proposes to operate the MINOS detectors with an upgraded 700 kW neutrino beam.



Alexandre Sousa, Harvard University