HAW09-2009-000123

Abstract for an Invited Paper for the HAW09 Meeting of the American Physical Society

Nuclear astrophysics with tracking arrays HENDRIK SCHATZ, Michigan State University, National Superconducting Cyclotron Laboratory, and Joint Institute for Nuclear Astrophysics

Efficient Gamma-ray tracking arrays enable a range of experiments that address open questions in nuclear astrophysics. I will give an overview of the types of measurements a next generation array would make possible, and the astrophysical problems these measurements can address.