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LHAASO-KM2A PMT test

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To fulfill the requirements of testing the photomultiplier tubes (PMTs) of the electromagnetic detector at the Large High Altitude Air Shower Observatory, a multifunctional PMT test bench with a two-dimensional (2D) scanning system is developed. With this 2D scanning system, 16 PMTs are scanned simultaneously to test their uniformity and cathode transit time difference. The di-distance method is developed to measure the linear dynamic range of the PMTs using the test bench. The primary test results are presented.

Collaboration

– not specified –

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Author: Prof. FENG, Cunfeng (Shandong University)

Co-authors: ZHANDONG, Sun (Southwest Jiaotong University); Prof. SHENG, Xiangdong (IHEP, CAS); Mr WANG, Xu (Shandong University); Mr TIAN, Ye (Shandong University); Mr ZHANG, Zhongquan (Shandong University)

Presenter: ZHANDONG, Sun (Southwest Jiaotong University)

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