

Measurement of large-aperture photodetectors in a water tank

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New large aperture photodetectors for Hyper-Kamiokande are under development and their usability is tested.

For the first proof test, high-QE photomultiplier tubes (51 cm Φ) and hybrid photodetectors (20 cm Φ) have been measured in a 200-ton water tank in Kamioka, Japan.

These installation, calibration and performance evaluation, and development status of other new photodetectors will be presented.

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