

Progress on the CMS-HGCAL silicon modules: assembly and quality control

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In the Module Assembly Center (Beijing) for the CMS-HGCAL project, extensive studies have been performed for the silicon module assembly, along with the commissioning of major equipment, including a large-scale high-precision gantry system, a fully automated wire-bonding machine, an optical gauge for non-contact measurements in three dimensions. Recently a first 8-inch silicon module has been successfully assembled and is now being tested, after laborious exercises with dummy modules. This talk will present the highlights of the module assembly, quality control procedures and module testing.

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