

CMS Phase 2 silicon pixel-strip thermal mock-up module - building and testing

Tuesday 16 June 2015 18:00 (30 minutes)

The talk will discuss the thermal tests of a CMS Phase 2 prototype pixel-strip module carried out at Fermilab. The prototype is based on the common design and assembled using the same raw materials as foreseen for the production module. A rod support structure was also built to carry the prototype and provide a realistic cooling scheme via the CO₂ test stand at Fermilab. Data results at various heat loads will be discussed and compared with simulations.

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