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Prototype sPHENIX Calorimeters JOHN HAGGERTY, Brookhaven National Laboratory, PHENIX COLLABORATION — The central barrel electromagnetic and hadronic calorimeters are a critical part of the upgrade plans for the evolution of the PHENIX detector at RHIC to the sPHENIX detector later in this decade. A robust program of jet physics in heavy ion collisions is enabled by uniform calorimetric coverage over the full azimuth and 2 units of pseudorapidity. The electromagnetic calorimeter is envisioned to be a compact tungsten-scintillating fiber sandwich, and the hadronic calorimeter is steel interspersed with scintillating plates with embedded fiber. Both calorimeters are planned to be read out with silicon photomultipliers. The design of the calorimeters will be described, and the status of prototype calorimeters being prepared for testing in a test beam will be reported.

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