

BV CCD photometry of the globular cluster Omega Centauri(NGC 5139)

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ABSTRACT

We present the preliminary results of our BV CCD photometry of the globular cluster Omega Cen(NGC 5139). Observations were made on March 1996

using the 0.9m telescope with Tek 2K CCD camera at CTIO, Chile.

Total 376 CCD images in each filter were obtained for nine different fields which cover approximately 40'X40' field centered on Omega Cen. In this meeting, we will mainly discuss some interesting features on the CMD and their implications about the formation and evolution of this anomalous globular cluster.