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Title: "Cryo-Vacuum Testing of the Integrated Science Instrument Module for the James Webb Space Telescope"

Presenter: Randy A. Kimble¹, P. S. Davila¹, M. P. Drury², S. D. Glazer¹, J. R. Krom², R. A. Lundquist¹, S. D. Mann³, D. B. McGuffey¹, R. L. Perry⁴, D. D. Ramey⁴

Abstract:

With delivery of the science instruments for the James Webb Space Telescope (JWST) to Goddard Space Flight Center (GSFC) expected in 2012, current plans call for the first cryo-vacuum test of the Integrated Science Instrument Module (ISIM) to be carried out at GSFC in early 2013. Plans are well underway for conducting this ambitious test, which will perform critical verifications of a number of optical, thermal, and operational requirements of the ISIM hardware, at its deep cryogenic operating temperature. We describe here the facilities, goals, methods, and timeline for this important Integration & Test milestone in the JWST program.