

Abstract Submitted
for the APR15 Meeting of
The American Physical Society

Next Generation Compton Telescope Design Challenges¹

BERNARD F. PHILIPS, J. ERIC GROVE, W. NEIL JOHNSON, RICHARD S. WOOLF, ERIC A. WULF, Naval Research Laboratory — The next generation Compton telescope faces many challenges in achieving the desired sensitivity in the 1-10 MeV energy band. Fine spectral and imaging performance point to the use of semiconducting detectors. Practical issues point to the use of scintillation detectors. We will discuss positive developments and disappointments encountered over the last few years of Compton Telescope development at NRL.

¹This research is supported by the Chief of Naval Research.

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Date submitted: 30 Dec 2014

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