

Abstract Submitted
for the APR07 Meeting of
The American Physical Society

Radar Detection of Meteors and Cosmic Rays JOHN MARINO,
Loyola University Chicago — With a simple experimental ensemble of a dipole
antenna, a receiver, and a sound card attached to a PC, we are able to observe
meteors and nearby aircraft, as well as cosmic ray candidates. We report on the
operating characteristics of this ensemble, its performance, and its possible use as a
relatively inexpensive cosmic ray detection device.

John Marino
Loyola University Chicago

Date submitted: 19 Dec 2006

Electronic form version 1.4