

Abstract Submitted
for the DPP13 Meeting of
The American Physical Society

A New and Novel Way of Looking at Waves Through Probes

KATHERINE PACHA, University of Iowa — There are many ways to look at waves and other turbulent phenomena in plasmas and in nature. One way is through the use of probes. Probes have been around since the late 19th and early 20th centuries (at that time they were called sounding electrodes). They aid in every aspect of diagnostics but they have some drawbacks at times. These drawbacks can affect a number of things such as measurements. However, these can be limited with some work. What will be discussed is a new and novel way of using a simply designed probe (along with soft where) to give better insights into this phenomena.

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Date submitted: 12 Jul 2013

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