



**NRL BAA Announcement  
# 72-09-02**

**OPTICAL INTERFEROMETRY**

The Remote Sensing Division (Code 7200) of the Naval Research Laboratory (NRL) is developing an imaging optical interferometer for use in developing, demonstrating, and exploiting synthetic aperture interferometry. This instrument, the Navy Prototype Optical Interferometer, is described in a paper by Armstrong, et al. (1998, *Astrophysical Journal*, 496, 550-571). NRL is interested in proposals for innovative basic and applied research leading to the development of new capabilities and applications for this instrument, the development of new techniques for interferometric imaging or for other innovative science or technical development related to interferometry.

Proposers may respond to one or more areas of interest or may propose clearly related investigations; however, each area requires an individual and complete proposal which will be separately evaluated.

Research may be conducted at the unclassified level and proposals must be unclassified.

Address White Papers (WP) to Code 7215, telephone (202) 767-0669, [e-mail](#) and/or Code 7216, telephone (505) 846-2248, [email](#). Allow one month before requesting confirmation of receipt of WP, if confirmation is desired. Substantive contact should not take place prior to evaluation of a WP by NRL. If necessary, NRL will initiate substantive contact.