



Update

ΛΟΓΟΣ

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LOGOS, WEBSITE, POSTER, & PROPOSAL

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During the summer and fall, members of [CSC](#), [GSFC](#), and [Orbital Sciences](#) collaborated on a proposal in response to NASA's Office of Space Sciences request for [Extra-Solar Planets Advanced Mission Concepts](#). The proposal was submitted on time, and if selected will feature a study of the scientific performance of an occulter with a small matched space telescope by analyzing the impact that formation flying plus telescope and occulter optical parameters have on the ability of the system to detect extrasolar planets.

We are particularly pleased to welcome many new investigators to the team investigating this technique as a potential low-cost option for extrasolar planet studies. A list of contributors, colleagues, and team members (with links to their own web sites and projects) can be viewed at http://www.umbras.org/who_is_umbras.html.

Mark Kochte prepared a poster for the January 8th display session at the American Astronomical Society (AAS) in Washington, D.C. which in part summarizes, and in part expands upon the general intent of the proposal. The poster includes results of a focal plane

simulation which Richard Lyon performed this fall while preparing the OSS proposal response.

In the waning months of 2001, Al Schultz and Ian Jordan commissioned [Ed Rowles](#), an Annapolis SF artist, to produce a logo suitable for printing on business-card sized refrigerator magnets to distribute at the AAS. Downloadable versions of the patch/logo (displayed at page bottom) and some of the evolutionary ancestors can be viewed at [Ed Rowles' UMBRAS web page](#).

Apologies to all those who did not get a chance to chime in with suggestions on the layout and content of the logo, but since time pressures were great, we could not consult many on its content. As it was, we had to drop one supplier and the box of magnets did not arrive until the day before the AAS conference!

If you would like to have some magnets, please contact the editor.

As can be inferred from the patch, the [UMBRA S](#) web site has moved from the old [STScI](#) staff location to an independent server. It is an unfortunate oversight that the current site lacks unix shell access, so if any reader knows of an alternate low cost ISP which the UMBRAS site could be moved to, it would be good to hear from you.

UMBRA S is an evolving project having the goal of determining if the occulting technique is useful for extrasolar planet studies. A PDF version of the [199th AAS poster](#) will be posted on the UMBRA S web site upon conclusion of the conference. All publications and other information are accessible at the UMBRA S web site: <http://www.umbras.org/>.





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