

NSF R&D Program

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LB/DUSEL Collaboration Meeting
Wednesday, 15 October 2008

Outline and Questions

- Existing NSF R&D funding
 - LAr via μ Boone; Anything else?
- Active proposals
 - PSL/RPI/BNL for PMTs in water
 - Any others?
- Upcoming proposals: S4 Solicitation

PSL/RPI/BNL Proposal

Physics (PHY)

Target Date for Unsolicited Proposals

The target date for proposal submission to programs in the Division of Physics varies according to program. For proposals competing for FY 2009 (which begins October 1, 2008) funds, the target date for unsolicited proposals submitted to most programs is **September 24, 2008 (except as noted below)**.

For FY 2009, the Division will entertain submissions in the following areas:

- *Atomic Molecular and Optical Physics*
- *Education and Interdisciplinary Research*
- *Elementary Particle Physics*
- *Gravitational Physics and LIGO*
- *Nuclear Physics*
- *Particle and Nuclear Astrophysics (Including R&D for Underground Laboratory)*
- *Physics at the Information Frontier (Target Date is October 22, 2008)*
- *Physics of Living Systems (Target Date is July 31, 2008)*
- *Plasma Physics (Target Date is October 22, 2008)*
- *Theoretical Physics (All sub-areas)*

Some Details...

- Modeling and measurements of implosions and materials behavior in ultrapure water
- Three years \$919K (PSL&RPI with BNL)
- Engineering support, graduate students, postdoc, equipment, and travel
- Will be reviewed in “normal” PNA program but not quite sure how to fund if successful

Contact me if you'd like a copy. (Post on DocDB?)

S4 Solicitation

- Program Solicitation NSF 09-500
- Proposal deadline January 9, 2009
- NSF Large Facilities Manual: 20 page limit
- P5 2008 report explicitly included

“The funds awarded for the proposals selected in S4 will allow the proposing team to complete the design phase(s) through Preliminary Design or beyond, as defined in the LFM, within the three year solicitation funding period.”

Need to start organizing this effort now!

Special Note

All NSF proposals submitted starting January 5, 2009 must include a separate section that describes mentoring support planned for any postdocs included in the budget.