

**NSF SENSOR Workshop
- MARS Instrument Software Infrastructure -
Announcement**

This is to announce an NSF SENSORS Workshop sponsored by the ORION program office to be held at MBARI September 13–15, 2004. This highly focused Workshop is devoted to specifying the requirements for the instrument software infrastructure for the MARS cable-based observing system that will be deployed in Monterey Bay in late 2005. Issues to be addressed include the science user interface needs for effective data access and archival, plug and work standards, as well as the larger OOI cyber infrastructure vision of data acquisition and visualization. MARS is the NSF test bed for the Regional Scale Cabled Observatory (RSCO) planned for the Northeast Pacific. Recommendations from this workshop will impact sensor interface requirements for MARS. If you have a project with plans to utilize the MARS test bed for science experiments or to develop instruments for the MARS system to be deployed on the RSCO, we need input from your project. We particularly encourage technical members of the community to inquire about participation in this Workshop.

For information on how to apply see the Workshop website at <http://www.mbari.org/rd/sensors/2004workshop.htm>.

A limited amount of travel support is available for US participants. If you intend to request travel support, the deadline is August 7, 2004. Otherwise, the application deadline is August 21, 2004.

The Steering Committee consists of Jim Bellingham and Duane Edgington from MBARI, Jeff Burch of Agilent Labs, John Orcutt of SIO, and Frank Vernon of ROADNET/SIO. John Orcutt is also the ORION representative.