

MMI Workshop '06



P R E S E N T S



For details, see the web site below
or Contact:

John Graybeal: graybeal@mbari.org
Monterey Bay Aquarium Research Institute
Direct Phone: 831-775-1956

Sensor Metadata Interoperability

A Workshop in Two Tracks

<http://marinemetadata.org/workshop06>

**Portland, Maine
19-20 October 2006**

The Sensor Metadata Interoperability Workshop will bring together technical experts and data systems engineers to assess and learn about sensor metadata content standards. Targeted at ocean observatory and ocean observing system architects and developers, the workshop will advance the current and agreed practices in the marine environment.

Solutions for Ocean Observing Architectures

In Track 1, experts with sensor metadata will use operational content standards like FGDC, ISO19115, DIF, SensorML, and TransducerML to address typical marine science use cases. After putting these standards through their paces, teams will present their results. Which ones worked, which ones didn't? What improvements are needed? Does one stand out as the best?

Solutions for System Developers

In Track 2, presentations on major ocean observing projects and existing sensor-oriented software projects will set the stage for hands-on training with sensor metadata. Attendees descriptions of sensors will be put into a common framework, then transformed into formats suitable for display and submission to national clearinghouses. The results will be viewed and discussed, with lessons formulated for both standard developers and clearinghouse designers.

Members of both tracks will participate in final discussions of lessons, best practices, and the suitability of existing content standards for describing sensor metadata.

Workshop Location: Portland Regency Hotel 20 Milk Street Portland, ME 04101 USA
Workshop Website: <http://marinemetadata.org/workshop06> Email: graybeal@mbari.org
Workshop Schedule: Oct 19 @ 0800 to Oct 20 @ 1430 (informal discussions follow)

Marine Metadata Interoperability Project