

CENTER FOR EARTH OBSERVATIONS & APPLICATIONS

SIO ORION Request for Proposals Planning Meeting • 11 October 2005: 1:30-2:30pm • Vaughan Hall 100

AGENDA

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- 1:30 pm John Orcutt: Introduction and overview of the ORION timeline
- *Open-ocean observatories: Earth structure and geodynamics*
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- 1:38 pm Uwe Send
- *Open ocean observatories: ocean circulation and biogeochemical cycles*
 - *A California current ecosystem ocean observing system*
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- 1:46 pm V. Ramanathan
- *Atmosphere-ocean exchanges at key global ocean sites*
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- 1:51 pm Ken Smith
- *The coupling of pelagic particulate matter fluxes and benthic community processes across the NE Pacific continental margin: long time-series monitoring with real-time data acquisition and control*
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- 1:56 pm Peter Worcester
- *Gyre-scale ocean heat content and dynamics: integral constraints from acoustic remote sensing*
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- 2:01 pm David Chadwell
- *Seismological and geodetic network to monitor strain accumulation and release along the Cascadia subduction zone*
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- 2:06 pm Kevin Brown
- *A Northeast Pacific Hydrate Observatory System (NEPHOS) at South Hydrate Ridge*
 - *Geodynamics of the Central America subduction system: observations of variations in seismicity, strain, and hydrotectonic effects*
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- 2:14 pm Matthew Arrott
- *The reality of remote cabled observatories*
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- 2:19 pm John Orcutt: Discussion and next steps

