

# **APPENDIX XII**

# DESCEND

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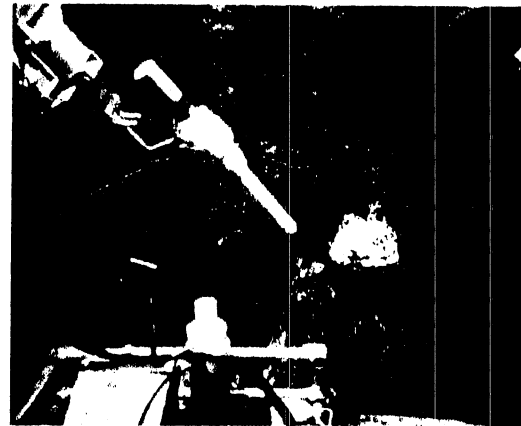
## **WHAT'S NEW**

Comments & Questions?  
Please contact the UNOLS Office  
with any questions regarding the  
DESCEND Workshop  
[unols@gso.uri.edu](mailto:unols@gso.uri.edu)

~ WORKSHOP ANNOUNCEMENT ~

# DESCEND

**DE**veloping **S**ubmergence **SC**ience in the Next Decade: Scientific Challenges, Technology Developments, and Investigative Strategy



*photo by Craig Cary*

October 25-27, 1999  
National Science Foundation  
Arlington, VA

*Please revisit this site often for updates on the workshop agenda and related topics.*

## *Tentative Meeting Agenda*

### **DEveloping Submergence SCIENCE for the Next Decade: “DESCEND” Scientific Challenges, Technology Developments, and Management Strategy**

Monday, October 25<sup>th</sup>,

**Day 1: Science Discussions:**

**8:30 a.m. Open Meeting**

- UNOLS Welcome/Introduction
- Overview DESCEND – Patty Fryer
- Overview of FUTURES
- Overview of Submersible Science – Dan Fornari
- Observatory Science Overview – Keir Becker
- Charge to Participants/Workshop Groundrules – Patty Fryer

**10:15 a.m. Breakout Sessions: Science Breakout Sessions:**

- Ridge Processes – Tim Shank/Karen Von Damm
- The Abyss/Open Ocean – Art Yayanos/Andy Fisher
- Margins (passive & convergent) – Chuck Fisher
- Shelf & Coastal – Gary Taghon
- Polar – Jim Barry/

**12:00 Lunch**

**1:00 p.m. Reconvene Break-Out Sessions**

**3:45 p.m. Break**

**4:00 p.m. Plenary Session** – Each session leader will provide a 10-minute summary of their respective session. At the conclusion of all summaries there will be an open discussion.

**6:00 p.m. Adjourn**

Tuesday, October 26<sup>th</sup>

**Day 2: Technology & Instrumentation:**

**8:30 a.m. Commence Day 2**

- Overview of untethered systems – AUVs: Jim Bellingham
- Manned and Unmanned Vehicles: Mapping
- Data Systems – Case studies within and outside of MG&G:

**10:15 a.m. Technological Breakout Sessions:**

- Event Response – Dana Yoerger/Bill Ryan
- Time Series – Long – Fred Duennebier/Ross Heath
- Time Series – Short – George Luther
- Expeditionary – Jim Cowen/Hugh Milburn
- Global – Fred Spiess

**12:00 Lunch**

**1:00 p.m. Reconvene Break-Out Sessions**

**3:45 p.m. Break**

**4:00 p.m. Plenary Session** – Each session leader will provide a brief (one bulleted overhead) summary of their respective session. At the conclusion of all summaries there will be an open discussion.

**6:00 p.m. Adjourn**

Wednesday, October 27<sup>th</sup>

**Day 3: Wrap-Up:**

**8:30 a.m. Commence Day 3**

**Morning: Overview of Technology Costs and Realities** – Jim Bellingham

A Discussion period would follow.

**Afternoon:** The afternoon would be set aside to allow the Steering Committee to complete writing assignments.