

North Pond 2017

Woods Hole to Barbados

October 2 to November 1

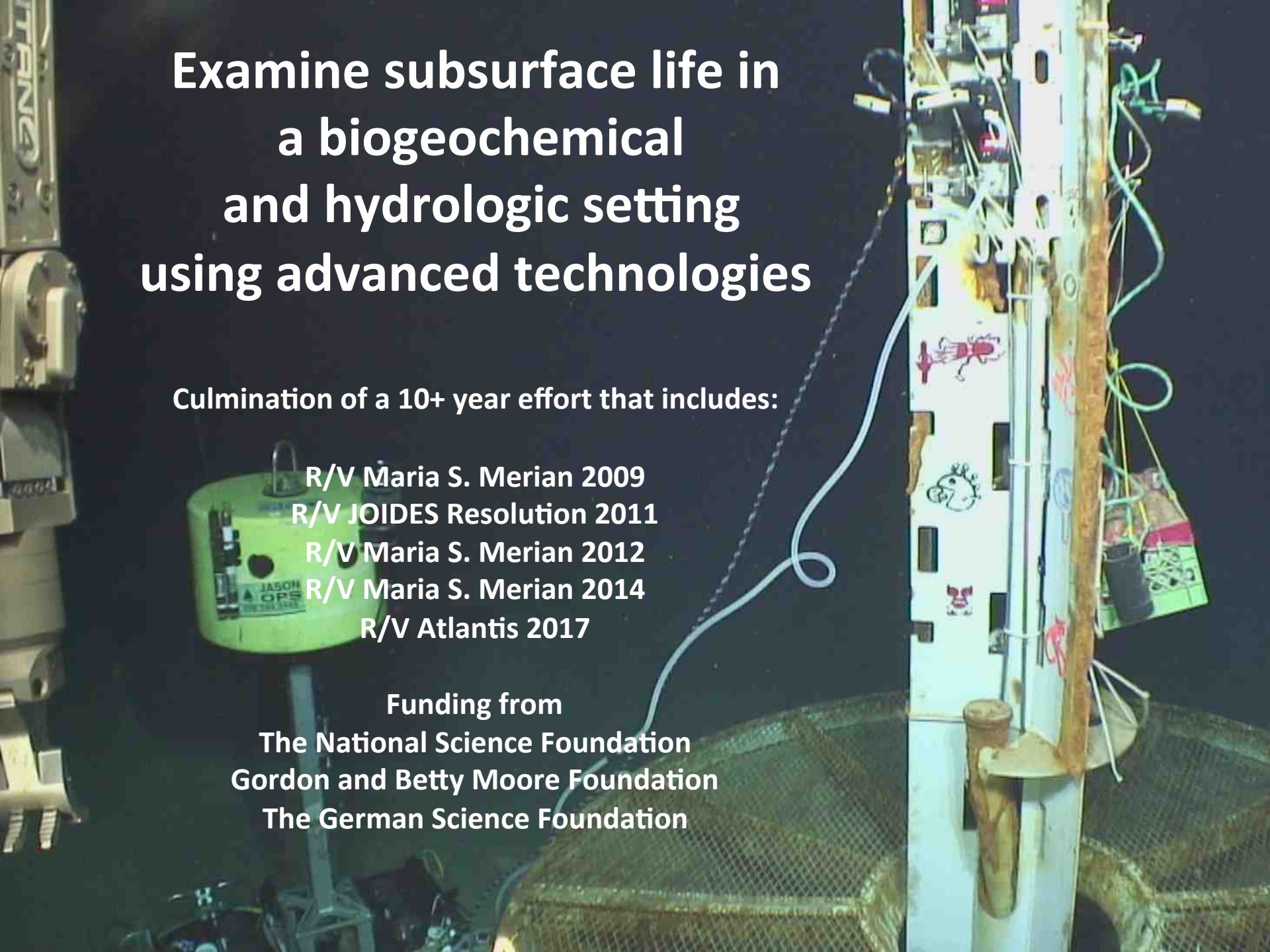


Examine subsurface life in a biogeochemical and hydrologic setting using advanced technologies

Culmination of a 10+ year effort that includes:

R/V Maria S. Merian 2009
R/V JOIDES Resolution 2011
R/V Maria S. Merian 2012
R/V Maria S. Merian 2014
R/V Atlantis 2017

Funding from
The National Science Foundation
Gordon and Betty Moore Foundation
The German Science Foundation



The Good:

The science objectives were sufficiently met, despite some major issues that arose during the expedition.

Many of the ship's crew and ROV's team stepped up to help make up for the technical issues.

4K camera is great!

New control van is wonderful! – needs some small touches

APPARENTLY...they throw great at-sea Halloween parties



The Bad/Ugly:

RV Atlantis is really loaded down with *ROV Jason* in single body (and w/ *HOV Alvin* in its hangar)

- Lost one day due to longer transit

Tether issues: tether came up twisted; three terminations and one more ashore

Better communication up front b/w the operator(s) and science leads PRE-CRUISE

- Phone meetings need a “wrangler” who is going to follow through on tasks, etc.

Need to be able to (more easily) change sleds at sea

Need spares for the crane: hydraulic issue

Best practices for elevator use needs to be examined

