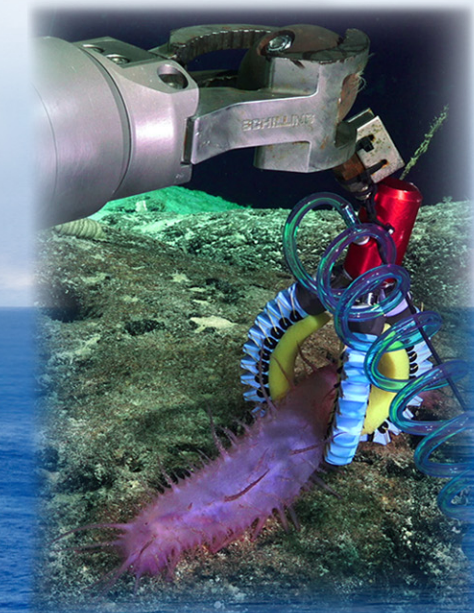


Open Call For Research Pre-Proposals

Applications are due December 28, 2018

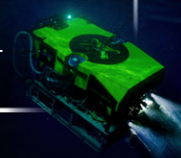
Schmidt Ocean Institute (SOI) is a philanthropic foundation established by Eric and Wendy Schmidt in 2009 to advance ocean science around the world with technological innovation and open data sharing. SOI aims to accelerate the understanding and scalable rehabilitation of our oceans with innovative research technologies and conservation methodologies, best marine operational practices, advanced data analysis, engaging storytelling, and open sharing of data and knowledge.

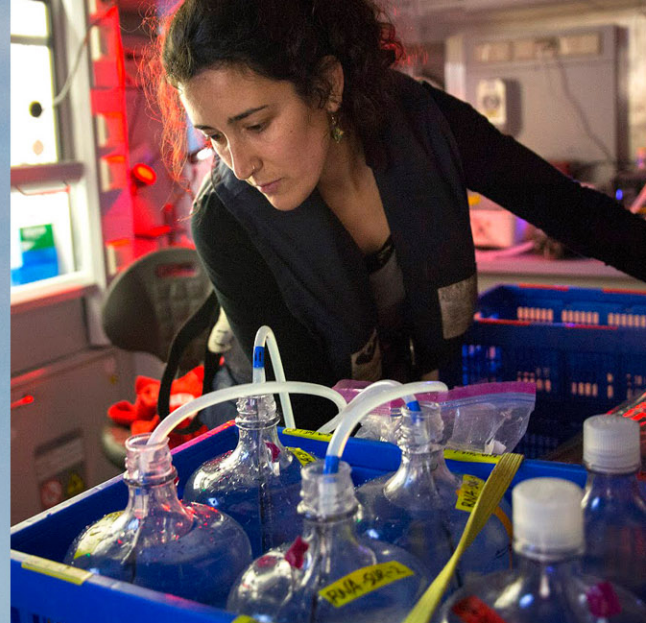
SOI traditionally provides state of the art operational, technological, and informational support to its select collaborating teams aboard the globally capable research vessel *Falkor*. This year, in addition to inviting proposals for seagoing marine science on R/V *Falkor*, SOI announces two new proposal tracks for collaborations in oceanographic technology research and development and scalable environmental conservation of coral reefs and related ecosystems.



We are pleased to announce three proposal tracks for collaborations:

Ocean Sciences	Technology R&D	Coral Reefs
<p>Accelerating research and exploration of the global ocean aboard R/V <i>Falkor</i></p>	<p>Technology innovation for disruptive impact in ocean sciences and conservation</p>	<p>Catalyzing scalable conservation of coral reefs and related ecosystems</p>
<p>Initiatives to advance marine science and ocean exploration through exemplary application of innovative technologies and methodologies aboard the research vessel <i>Falkor</i>.</p>	<p>Initiatives to develop innovative technologies and services to accelerate ocean research and conservation in cost-efficient, data-driven, and scalable manner</p>	<p>Initiatives to advance coral reef ecosystem resilience, inform management, and empower conservation with innovation in best practices, platforms, sensors, and data services.</p>





R/V Falkor supports a wide range of technologically innovative and unique scientific systems including:

- Broadband satellite Internet
- 64 screen video matrix with live high-definition video streaming
- State-of-the-art mapping capability
- Suite of advanced acoustic systems
- Full Ocean depth elevator/lander
- CTD/ Hydrowinch operations
- 300 and 4,500 meter ROVs
- High performance computing system
- Live presentation center
- Digital video camera network for live-streaming

Additional outreach programs on R/V Falkor include Artist-at-Sea and Student Opportunities.

The globally capable 272-foot Research Vessel *Falkor* is Schmidt Ocean Institute's key operational asset; equipped with advanced sonar systems for shallow and deep seafloor mapping, sub-bottom and current profiling, and fisheries studies.

The 4500 meter capable remotely operated vehicle (ROV) SuBastian is outfitted with a suite of sensors and scientific equipment, with a modular design to support a wide-range of scientific data and sample collection, as well as interactive research, experimentation, and technology development.



Find us @Schmidt Ocean
www.schmidtocean.org

