



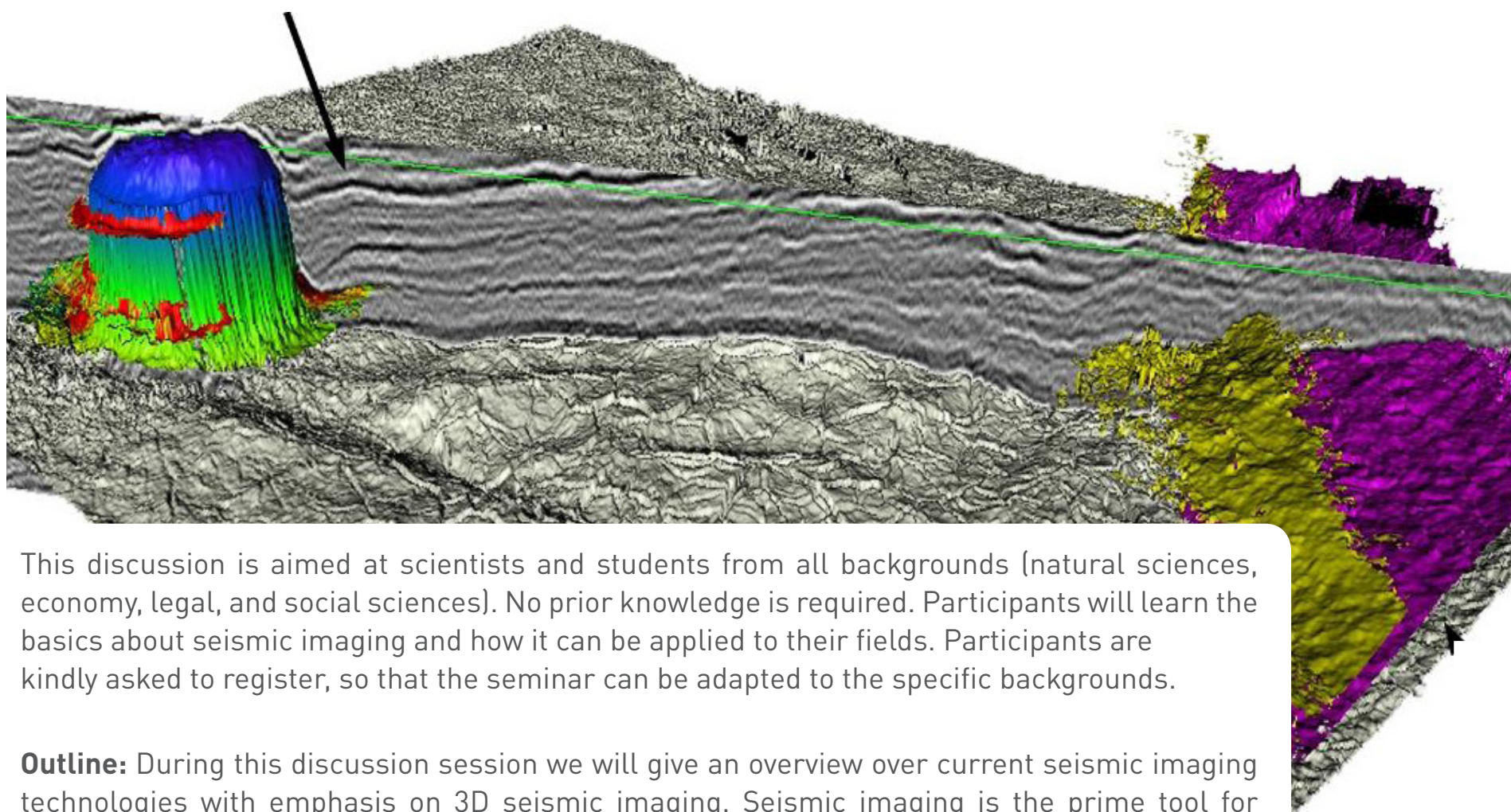
## ISOS Workshop

# Imaging the Earth below the Seafloor

Prof. Dr. Greg Moore, University of Hawaii at Manoa

Prof. Dr. Christian Berndt, GEOMAR

**09 June 2016 | 16:30-18:30 hrs**



This discussion is aimed at scientists and students from all backgrounds (natural sciences, economy, legal, and social sciences). No prior knowledge is required. Participants will learn the basics about seismic imaging and how it can be applied to their fields. Participants are kindly asked to register, so that the seminar can be adapted to the specific backgrounds.

**Outline:** During this discussion session we will give an overview over current seismic imaging technologies with emphasis on 3D seismic imaging. Seismic imaging is the prime tool for looking into the upper 10 km of crust below the sea floor and can be used for all kinds of scientific applications not only Earth sciences. This includes determining sediment thickness for United Nation Law of the Sea claims and understanding the drivers for benthic ecosystems such as methane seepage.

### Prof. Dr. Greg Moore, University of Hawaii at Manoa

Greg Moore is one of the most eminent marine geophysist in the U.S. and the attendants will have the opportunity to benefit from his long track record in seismic imaging, but can also ask general questions about the U.S. marine science system, such as funding opportunities for PhD projects, the functioning of the grant system, and education policies.

**Venue:** GEOMAR West, large conference room

*ISOS PhDs have priority in our courses.*

*Child care can be provided if we have two weeks notice in advance.*

Please register online at

[www.futureocean.org/isos](http://www.futureocean.org/isos)

