



Allgemeines Physikalisches Kolloquium

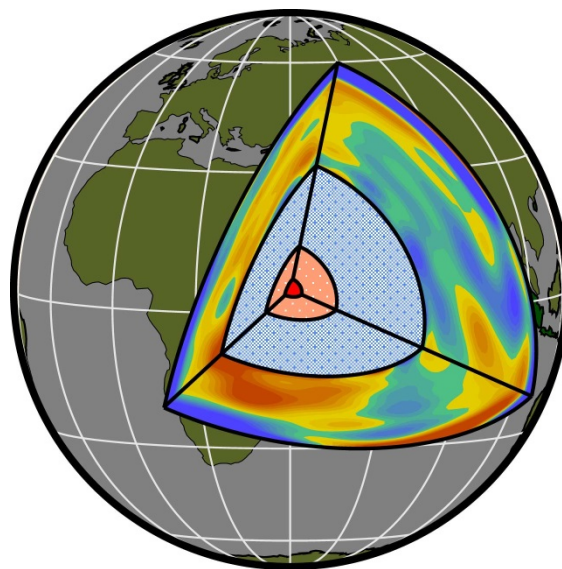
Donnerstag, 09.04.2015 um 16 Uhr c.t.

Prof. Dr. Miaki Ishii
Harvard Seismology Group
Department of Earth and Planetary Sciences
Harvard University



Journey to the Centre of the Earth

When Jules Verne published his classic book in 1864, Charles Darwin had published his book on the Origin of Species, weather maps had become available, and Maxwell's equations for electromagnetic waves had been established. In contrast, practically nothing was known about the Earth's interior, and this knowledge did not emerge until well into the 20th century. How did the Earth, something that seems so accessible to humans, remain a mystery for such a long time? Even today, we have sent rovers and even humans to the Moon and obtained lunar rocks, but there is no sample from the Earth's centre. This presentation discusses challenges and techniques for studying the Earth's deep interior, and takes the audience on a modern journey to the centre of the Earth.



IG1 HS2, Wilhelm-Klemm-Straße 10
Kolloquiums-Kaffee ab 16.00 Uhr vor dem Hörsaal
Im Anschluss an den Vortrag findet ein geselliges
Beisammensein mit Getränken und Knabbereien statt.

Kolloquiumsbeauftragter: Prof. Dr. Bratschitsch
Einladender: Prof. Dr. Thomas