



future ocean  
KIEL MARINE SCIENCES

INTEGRATED SCHOOL OF OCEAN SCIENCES

## ISOS Course

# Software-Carpentry Bootcamp

Bernhard Konrad, University of British Columbia

Dr. Rainer Kiko, GEOMAR

**21 - 22 August 2014 | 09:00 - 16:30 hrs**

**What:** Our goal is to help you to become more productive by teaching basic computing skills like program design, version control, testing, and task automation. In this two-day boot camp, short tutorials will alternate with hands-on practical exercises. Participants will be encouraged both to help one another, and to apply what they have learned to their own research problems during and between sessions.

**Who:** The course is aimed at postgraduate students and other scientists who are not or only slightly familiar with scripting or writing programs.

**Goal:** At the end of the bootcamp you should be able to conduct the following tasks with two python scripts:

- 1.) read in data from a file and load the data into a sql-database
- 2.) read out data from a sql-database and generate different outputs  
(summarized data, figures)

Furthermore, you should be able to better organize your file system and to keep your work under version control.

See the detailed content at [www.futureocean.org/isos](http://www.futureocean.org/isos)

**Contact:** Dr. Rainer Kiko, GEOMAR, [rkiko@geomar.de](mailto:rkiko@geomar.de)

**Venue:** Am Botanischen Garten 7, R.E49 - PC-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)

