

Building a Global Data Network for Studies of Earth Processes at the World's Plate Boundaries

May 9-11, 2007, Kiel Germany
Waldesruh Room, Hotel Birke

Final Agenda

May 9

09:00-10:20 ***Science presentations on needs of InterRidge/InterMargins scientists for data and visualization tools.***

Presentations 25 minutes (20 + 5 mins discussion).

09:00-09:05 Introduction

09:05-09:30 InterRidge – Colin Devey IFM-GEOMAR, Germany

09:30-09:55 Ridge2000 – Donna Blackman SIO, USA

09:55-10:20 MARGINS – Geoff Abers – BU, USA

10:20-10:50 **Coffee**

10:50-11:30 ***Science Use Case Scenarios.***

Presentations 20 minutes (15 + 5 mins discussion)

10:50-11:10 Science Use Case Scenarios 1 – Mathilde Cannat IPGP, France

11:10-11:30 Science Use Case Scenarios 2 – Wolfgang Bach, Universität Bremen, Germany

11:30-12:30 ***Overview of Existing Data Systems (Project, National and International) Relevant for InterMargins/InterRidge research.***

Presentations 10 minutes (8 minutes +2 minutes questions each)

11:30-12:30 Presentations Session I

- NEPTUNECanada - Benoît Pirenne, Data Management and Archiving System (DMAS), Victoria, BC, Canada
- IODP Data Systems – Bernard Miville, IODP-MI Sapporo, Japan
- SeaDataNet – Pan-European marine data system – Dick Schaap MARIS, Netherlands
- FDSN - Tim Ahern – IRIS, USA
- NIED Data Systems – Katsuhiko Shiomi, National Research Institute for Earth Science and Disaster Prevention, Japan

12:30-13:30 **Lunch**

13:30-17:30 ***Overview of Existing Data Systems (Project, National and International) Relevant for InterMargins/InterRidge research (cont.).***

13:30- 14:30 Presentations Session I continued

- IFREE/JAMSTEC Data Systems –Seiji Tsuboi, JAMSTEC, Japan
- ORFEUS, Thomas Meier, Bochum University
- Marine Seismic Data Center – Tom Shipley –UTIG, USA
- Seismic Database Network Access Point - Paolo Diviacco, Istituto Nazionale di Oceanografia e di Geofisica Sperimentale , Italy
- IGNS Data Systems, Craig Jones, IGNS, New Zealand
- ChEssBase & OBIS, Eva Ramirez-Llodra & Maria Baker- Southampton UK

14:30-16:30 **Coffee, Demonstrations Session I**

16:30-17:30 Presentations Session II

- SeaDOG, Tim LeBas – Southampton UK
- Ridge2000/MARGINS DMS, William Ryan – Columbia, USA
- EarthChem&SESAR, Kerstin Lehnert – Columbia, USA
- IFREMER Data Systems, Mickael Trueger & Eric Moussat IFREMER France
- SIO Data Systems, Steve Miller, SIO, USA

17:30–19:00 **Reception & Posters**

May 10

08:30-10:20 ***Overview of Existing Data Systems (Project, National and International) Relevant for InterMargins/InterRidge research (cont.).***

08:30-09:00 Presentations Session II continued

- WDC-MARE, Hans-Jürgen Wallrabe-Adams, MARUM, Germany
- World Data Center – Marine Geophysics – Christopher Fox WDC-NGDC, USA
- UNEP One Stop Data Shop, Yannick Beaudoin, Øystein Halvorsen, & Tina Schoolmeester UNEP-GRID Arendal, Norway

09:00-10:20 **Demonstrations Session II & Coffee at 10**

- 10:20-12:30 ***Technologies and Approaches for Interoperability***
- 10:20-10:50 Every bit counts - Data management and data publication in the earth sciences, Jens Klump Postdam, Germany
- 10:50-11:10 Metadata 5: Content Standards for Marine Geoscience (Basics +) - John Graybeal (MMI), MBARI, USA
- 11:10-11:40 Plaintext to governed vocabularies: restoring order to anarchic metadata. Roy Lowry – BODC, UK
- 11:40-12:00 Metadata 105: Ontologies for Marine Geoscience (What You Really Want) - John Graybeal (MMI), MBARI, USA
- 12:00-12:30 Sharing and visualizing earth science data with Web Services and Virtual Globes, Jon Blower NERC, UK
- 12:30-14:00 **Lunch**
- 14:00-16:00 ***Working Group Session 1***
- 16:00-16:30 **Coffee**
- 16:30-17:30 ***Interagency/intergovernmental efforts within the geosciences regarding data access and current implementation***
- 16:30-16:50 An Overview of the Global Earth Observing System of Systems (GEOSS), Bob Chen, CIESIN
- 16:50-17:10 CODATA Strategic Plan and Activities, 2007-12, Bob Chen, CIESIN
- 17:10-17:30 WDC Overview – Chris Fox, NGDC

May 11 Morning

- 08:30-10:00 ***Working Group Session 2***
- 10:00-10:30 **Coffee**
- 10:30-12:00 ***Plenary Session***
Summary of working group discussions and formulation of key recommendations to science programs, to scientists, to data centers.
- 12:00 Meeting Adjourns**

Afternoon – Tentative depending on interest

Meeting of Data Managers to develop plan for next steps towards developing data system interoperability.