

SCHEDULE FOR MARGINS “INTERPRETING UPPER MANTLE IMAGES” WORKSHOP: MAY 17-19, 2006, WOODS HOLE, MA

DAY 1 5/17 Room 507 Clark Lab, Quissett Campus WHOI

8:00 Introduction

Session A: Introduction to Subduction Factory and Rifting of Continental Lithosphere
Seismic Imaging

8:10 D. Wiens

9:00 D. Lizarralde

10:00 Break

Session B: Seismic Imaging Results and Interpretation

10:20 D. Forsyth

11:10 M. Nettles

12:30 Lunch

Session C: Comparison of Theory and Experimental Results on Seismic Attenuation

1:30 I. Jackson

2:20 R. Cooper

3:20 Break

Session D: Open Discussion

3:40-5:00 Discussion (overhead projector available)

Session E: Posters and Refreshments followed by catered dinner

5:00 -6:30

DAY 2 5/18 Room 507 Clark Lab, Quissett Campus WHOI

Session F: Petrologic and EM Constraints on Mantle Temperature and Water Content

8:10 M. Hirschmann

9:00 R. Evans

10:00 Break

Session G: Theory and Experimental Results on the Influence of Water and Melt on
Seismic and Electrical Properties

10:20 S. Karato

11:10 Y. Takei

12:30 Lunch

Session H: Application of Experimental Results and Geodynamic Modeling

1:30 U. Faul

2:20 M. Billen

3:20 Break

Session I: Open Discussion

3:40-5:00 Discussion (overhead projector available)

Session J: Refreshments and Posters

5:00-6:30

On your own for dinner

DAY 3: National Academy Facility (Johnson Center)

Session K: Overview of Models and Seismic Imaging

8:30 P. van Keken

9:20 K. Fischer

10:30 Break

Session L: Open Discussion of Broader Issues, Critical Experiments, Modeling Capabilities, and Future Directions.

10:50-12:00

Adjourn midday

Lunch BBQ at the venue