

May 28~30, 2017 @ Tohoku University Aobayama Campus

**Earth, Sea and Sky II: International Joint Graduate Program Workshop in Earth and Environmental Sciences co-hosted by the Tohoku University GP-EES and JSPS-DFG Japanese-German Graduate Externship**

東北大学環境・地球科学国際共同大学院・独立行政法人日本学術振興会日独共同大学院プログラム共催「第2回 地球・海・空: 環境・地球科学国際共同大学院ワークショップ」

**May 28 (Sun)**

Field Trip (Zao volcano) guided by Prof. M. Nakamura

**May 29 (Mon)**

Science Complex C C201

Chair: Dr. Furukawa

9:15~ 9:20 Opening remarks (Prof. Hayasaka)

9:20~ 9:40 Wakana Fujita

9:40~10:00 Huang Yongsheng

10:00~10:20 Liang Yuan

10:20~10:40 Fumiya Maeda

10:40~10:50 Coffee Break

Chair: Dr. Okumura

10:50~11:10 Takashi Hirose

11:10~11:30 Tomoya Takano

11:30~11:50 Naoya Takahashi

11:50~12:10 Ryohei Yamaguchi

12:10~12:20 Group Photo

12:20~14:00 Lunch Break

Chair: Dr. Ozawa

14:00~16:20 Qualifying Exam of GP-EES students

16:20~16:30 Coffee Break

16:30~17:00 Comments from invited Professors on the GP-EES program

18:00~20:00 Meeting Dinner @AOSIS

## **May 30 (Tue)**

Science Complex C N204

9:30~11:30 Poster session

11:30~13:00 Lunch Break

Science Complex C C201

### **Solid Earth Science Seminars and Discussions**

Chair: Prof. M. Nakamura

13:00~13:30 Prof. William McDonough (Tohoku University/University of Maryland)

“Geoneutrinos and heat production in the Earth”

13:30~14:00 Prof. Catherine McCammon (Bayerisches Geoinstitut, University of Bayreuth)

“Iron matters and how it affects the Earth's interior”

14:00~14:30 Prof. Tomoo Katsura (Bayerisches Geoinstitut, University of Bayreuth)

“Electrical conductivity of the oceanic asthenosphere, and its interpretation based on laboratory measurements”

14:30~15:00 Prof. Kelvin Richards (IPRC, University of Hawaii)

“Turbulence and mixing in the natural environment”

15:00~15:20 Group Photo & Coffee Break

### **Oceanography Lecture Meeting and Discussions**

15:20~16:20 Prof. Bo Qiu (SOEST, University of Hawaii)

“Multi-Scale Ocean Circulation Variability Observed by Half-Century JMA Repeat Surveys along 137E”

16:20~17:20 Prof. Niklas Schneider (IPRC, University of Hawaii)

“Mid latitude air-sea interaction”