**MR14-05**

**Seminar titles**

**12 Sept.: Naohiro Kosugi**

西部北極海における大気-海洋間CO2交換とその変動要因

Air-sea CO2 exchange and its variation mechanisms in the western Arctic Ocean

**13 Sept.: Shigeto Nishino**

MR13-06航海におけるチャクチ海定点観測：大気イベントに対する海洋環境の変化

Impact of strong wind events on the ocean environment: Results from the Arctic cruise last year

**14 Sept.: Jun Inoue**

北極海航路上の強風イベントの予測精度向上 -高層気象観測網のご利益-

Extra soundings improve the weather forecast over the Northern Sea Route

**15 Sept.: Masaki Katsumata**

「みらい」新レーダーで見える/見えそう/見えて欲しいもの

New radar on R/V MIRAI and its expected ability

**16 Sept.: Michiyo Yamamoto-Kawai**

北極海における窒素栄養塩の除去と供給：今後の生物生産量を決めるカギ

Loss and supply of N-nutrient: the key to understand future biological productivity of the Arctic Ocean

**17 Sept.: Fumikazu Taketani**

研究船みらいによる洋上大気観測

Ship-borne measurement of aerosols and gases in the marine atmosphere

**18 Sept.: Byron Blomquist**

Recent Results from the High Wind Gas Exchange Study (HiWinGS, R/V Knorr, Labrador Sea, Oct-Nov 2013)

**19 Sept.: Sachi Taniyasu**

残留性ペルフルオアルキル化合物（PFASs）の外洋環境への輸送と分配

Global transportation and distribution of perfluoroalkyl substances (PFASs) in the marine environment: - What is the major pathways of PFASs to the Polar region? –

**20 Sept.: Xiangdong Zhang**

Uncertainties in Sea Ice Change Projection and Introduction of a High Resolution of Regional Reanalysis

**21 Sept.: Shinji Takada**

チャクチ海における脱窒・アナモックス

Denitrification and Anammox in Chukchi sea

**22 Sept.: Kazutoshi Sato/Kazuhiro Ohsima**

みらい北極航海での初のオゾンゾンデ観測：北極海上では初？？

First time OZONESONDE observation on R/V Mirai

**23 Sept: Michiyo Yamamoto-Kawai**

チャクチ海の海洋酸性化

Ocean Acidification in the Chukchi Sea