

- 1) Masatomo FUJIWARA, Saroja POLAVARAPU and David JACKSON: A proposal of the “SPARC Reanalysis/Analysis Intercomparison Project (S-RIP)” (2012.2. 22 – 24 Workshop on Stratospheric Sudden Warming and its Role in Weather and Climate Variations)
- 2) Takatoshi Sakazaki, Masatomo Fujiwara: Diurnal wind variations in the lower-tropospheric wind over Japan as revealed with wind profilers and analysis/reanalysis data sets (2012.3. 19–23 13th MST radar workshop)
- 3) Takatoshi Sakazaki, Masatomo Fujiwara, Hiroyuki Hashiguchi: Diurnal wind variations in the upper-tropospheric and lower stratospheric wind over Japan as revealed with MU radar and five reanalysis data sets (2012.3. 19–23 13th MST radar workshop)
- 4) FUJIWARA, Masatomo., POLAVARAPU, Saroja and JACKSON, David : SPARC Reanalysis/Analysis Intercomparison Project (S-RIP) (2012.6.11–13 2012 SPARC Data Assimilation Workshop)
- 5) FUJIWARA, Masatomo., Saroja POLAVARAPU and JACKSON, David : SPARC Reanalysis/Analysis Intercomparison Project (S-RIP) (2012.6.25–29 SPARC Workshop on the Brewer–Dobson Circulation)
- 6) Fujiwara, Masatomo: TTL transport and wave processes (2012.10.15–19 A U.S.–Japan Bilateral Workshop on the Tropical Tropopause Layer: State of Current Science and Future Observational Needs )
- 7) Sugidachi, Takuji., Fujiwara, Masatomo: Development of a balloon-born Peltier-based chilled-mirror hygrometer for the troposphere and the lower stratosphere (2012. 10.15–19 A U.S.–Japan Bilateral Workshop on the Tropical Tropopause Layer: State of Current Science and Future Observational Needs )
- 8) Sakazaki, Takatoshi and Fujiwara, Masatomo: Atmospheric temperature tides in the tropical upper troposphere and lower stratosphere (2012.10.15–19 A U.S.–Japan Bilateral Workshop on the Tropical Tropopause Layer: State of Current Science and Future Observational Needs)
- 9) Yamazaki Koji, and Yoshida Kohei: Tropical cooling in the case of stratospheric sudden warming in January 2011: focus on the tropical tropopause layer (2012.2.22 Workshop on the stratospheric sudden warming and its role in weather and climate variations)
- 10) Watanabe Takeshi, and Yamazaki Koji: Influence of the anomaly in the subtropical jet over the western Tibetan Plateau on the intraseasonal variability of the summer Asian monsoon in early summer (2012.8.16 AOGS–AGU(WPGM) Joint assembly)
- 11) Ebuchi, N., Fukamachi, Y., Ohshima, K. I, Wakatsuchi, M.: Continuous observation of the Soya Warm Current by HF ocean radars since 2003. (2012.5.18 1st Ocean Radar Conference for Asia)
- 12) Ebuchi, N.: Evaluation of marine surface vector winds observed by OSCAT (2012.6.12

International Ocean Vector Winds Science Team Workshop 2012)

13) Ebuchi, N.: Evaluation of wind vectors observed by OSCAT using statistical distributions (2012.7.24 IGARSS 2012)

14) Ebuchi, N., and Abe, H.: Evaluation of sea surface salinity observed by Aquarius (2012.7.26 IGARSS 2012)

15) Ebuchi, N., and Abe, H.: Evaluation of sea surface salinity globally observed by Aquarius (2012.10.12 ISRS 2013 ICSANE)

16) Ebuchi, N., and Abe, H.: Evaluation of sea surface salinity observed by Aquarius on SAC-D (2012.10.31 SPIE Asia-Pacific Remote Sensing 2012)

17) Ebuchi, N.: Evaluation of wind vectors observed by Oceansat-2 scatterometer using statistical distributions (2012.11.6 PORSEC 2012)

18) Abe, H., and Ebuchi, N.: Evaluation of sea surface salinity observed by Aquarius (2012.11.8 PORSEC 2012)

19) Uehara, H., Kruts, A. A., Volkov, Y. N., Nakamura, T., Ono, T., Mitsudera, H.: Interannual variations in the dense shelf water in the Sea of Okhotsk (2012.2.20 2012 Ocean Sciences Meeting)

20) Nakamura, T., Nishioka, J., Ono, T., Mitsudera, H.: Winter mixed layer development by subtropical water intrusion over subarctic water and associated iron supply (2012.2.22 2012 Ocean Sciences Meeting)

21) Abe, S. and Nakamura, T.: Transition process from breaking large-amplitude internal waves to turbulence (2012.2.23 2012 Ocean Sciences Meeting)

22) 松田淳二, 笹島雄一郎, 三寺史夫, 中村知裕, 羽角博康: Modeling of thermo-haline circulation of the Sea of Okhotsk and North Pacific (2012.2.21 第27回 北方圏国際シンポジウム「オホーツク海と流氷」)

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24) 杉本風子, 下田春人, 清水大輔, 宇都正太郎, 舘山一孝, 星野聖太, 田村岳史, 牛尾収輝, 大島慶一郎: 昭和基地沖流氷域での電磁誘導法による海氷厚観測 (2012.11.29 第3回極域科学シンポジウム)

25) 中田 和輝, 大島 慶一郎, 二橋 創平, 木村 詞明, 田村 岳史: 南極ロス棚氷ポリニヤの変動機構と海氷生産収支 (2012.11.29 第3回極域科学シンポジウム)

26) Mori, F.: Turbulent flow measurement in the surface boundary layer using the PIV method

(2012.10.12 第4回北海道大学サステナビリティ学生研究ポスターコンテスト)

27) Toyota, T. and Ishii, H.: Temporal evolution of the structural properties of seasonal sea

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28)Fujiyoshi Y., Osumi K., Yamada Y.: Retrieval of high temporal and spatial distribution of sea ice velocity fields using Doppler radar data(2012.2.20 27th International Symposium on Okhotsk Sea & Sea ice)

29)Fujiyoshi, Y., Nagumo,N. Yamamura,I. Aoki,A.: A revisit to Marshall-Palmer size distribution of raindrops(2012.7.29~8.3 16th Conference on Clouds and Precipitation)

30)Fujiyoshi, Y., Umehara,A. and Fujiwara,C.: Hammock effect of atmospheric boundary layer for downdraft associated with new-type of organized turbulent air motion (2012.7.29~8.3 日 16th Conference on Clouds and Precipitation)

31)Hasebe, F. and Shibata, T.: Critical Outstanding TTL Questions: Ground Based Observations(2012.10.16 A U.S. - Japan Workshop on the Tropical Tropopause Layer: State of Current Science and Future Observational Needs)

32)Hasebe, F.: Ongoing Project Foci: SOWER(2012.10.17 A U.S. - Japan Workshop on the Tropical Tropopause Layer: State of Current Science and Future Observational Needs)

33)Yamaki, M. and Hasebe, F.: The Dehydration process in the Tropical Tropopause Layer (2012.10.17 A U.S. - Japan Workshop on the Tropical Tropopause Layer: State of Current Science and Future Observational Needs)

34)Sue, Y. and Kubokawa, A.: Latitude of eastward jet prematurely separated from the western boundary in a two-layer QG model(2012.2. 20 2012 AGU Ocean Science Meeting,)

35)Tanimoto, Youichi Kanenari,Tomohisa Tokinaga,Hiroki and Xie,Shang-Ping: Sea level pressure minimum and ageostrophic surface winds over the Kuroshio and its extension (2012.7.12 AMS 18th Conference on Air-Sea Interaction)

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37)Mitsudera, H., and A. Fujisaki: High Resolution modeling of coastal circulations and Amur River outflow over the northwestern continental shelf of the Okhotsk Sea(2012.2.21 第27回北方圏国際シンポジウム「オホーツク海と流氷」)

38)Mitsudera, H., and Fujisaki:A.: Ice band formation due to resonant interaction between sea ice and internal gravity waves(2012.5.22 International Symposium on Modeling the Ocean)

39)Mitsudera, H., and Fujisaki A. : Impacts of the Amur River discharge on the circulation over the northwestern continental shelf of the Sea of Okhotsk (2012.5.22 International Symposium on Modeling the Ocean)

40) Mitsudera, H: Land-ocean interaction between the Amur River and the Sea of

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