2000 年大気海洋専攻物理系 M1 論文紹介

日時： 12 月 14 日 (木) - 12 月 15 日 (金)

場所： 地球環境研究科 管理棟 2 階講堂

発表方法： 発表は 20 分, 質疑応答 10 分

[プログラム—初日 (12 月 14 日)]

9:30-10:00 萱場 亙起 (気候モデリング)

Stephen, A. K., and D. L. Hartmann, 1993: The seasonal cycle of low stratiform clouds. *J. Climate*, **6**, 1587-1606.

10:00-10:30 畠中 準裕 (気候モデリング)

Ninomiya, K., 1991: Polar low development over the east coast of the Asian continent on 9-11 December 1985. *J. Meteor. Soc. Japan*, **69**, 669-685.

10:30-11:00 小畑 滋郎 (気候モデリング)

Wang, B., R. Wu, and X. Fu, 2000: Pacific-East Asian teleconnection: How does ENSO affect East Asian climate? *J. Climate*, **13**, 1517-1536.

11:00-11:30 韓 建宇 (気候モデリング)

Shindell, D. T., D. Rind, and P. Lonergan, 1998: Increased polar stratospheric ozone losses and delayed eventual recovery owing to increasing greenhouse-gas concentrations. *Nature*, **392**, 589-592.

11:30-12:00 中澤 留威 (気候モデリング)

Blackmon M. L., S. L. Mullen, and G. T. Bates, 1986: The climatology of blocking events in a perpetual January simulation of a spectral general circulation model. *J. Atmos. Sci.*, **43**, 1379-1405.

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13:15-13:45 加山 斉 (気候モデリング)

Sarmiento, J. L., C. L. Quere, S. W. Pacala, 1995: Limiting future atmospheric carbon dioxide. *Global Biogeochemical Cycles*, **9**, 121-137.

13:45-14:15 大島 和裕 (大循環力学)

McGuirk, J. P., A. H. Thompson, and L. L. Anderson Jr., 1989: Synoptic scale moisture variation over the tropical Pacific Ocean. *Mon. Wea. Rev.*, **117**, 1076-1091.

14:15-14:45 上延 史 (大循環力学)

Muramatsu, T., 1983: Diurnal variations of satellite-measured T_{BB} areal distribution and eye diameter of mature typhoons. *J. Meteor. Soc. Japan*, **61**, 77-90.

14:45-15:15 森田 格 (大循環力学)

Yatagai, A., T. Yasunari, 1998: Variation of summer water vapor transport related to precipitation over and around the arid region in the interior of the Eurasian continent. *J. Meteor. Soc. Japan*, **76**, 799-815.

15:15-15:45 角 亮 (大循環力学)

Speich, S., G. Madec, and M. Crepon, 1996: A strait outflow circulation process study: The case of the Alboran Sea. *J. Phys. Oceanogr.*, **26**, 320-340.

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16:00-16:30 本木 敦 (大循環力学)

Olbers, D., J.-O. Wolff, and C. Volker: Eddy fluxes and second-order moment balances for nonhomogeneous quasigeostrophic turbulence in wind-driven zonal flows. *J. Phys. Oceanogr.*, **30**, 1645-1668.

16:30-17:00 近本 喜光 (大循環力学)

Robertson, A. W., C. R. Mechoso, and Y. J. Kim, 2000: The influence of Atlantic sea surface temperature anomalies on the North Atlantic Oscillation. *J. Climate*, **13**, 122-138.

17:00-17:30 遊佐 稔 (大循環力学)

Wallace, J. M., 2000: North Atlantic Oscillation/annular mode: Two paradigms - one phenomenon. *Quart. J. Roy. Meteor. Soc.*, **126**, 791-805.

17:30-18:00 時長 宏樹 (大循環力学)

Ferranti, L., J. M. Slingo, T. N. Palmer, and B. J. Hoskins, 1999: The effect of land-surface feedbacks on the monsoon. *Quart. J. Roy. Meteor. Soc.*, **125**, 1527-1550.

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[プログラム―第 2 日 (12 月 15 日)]

9:30-10:00 鈴木 順子 (大循環力学)

Harry, H. H., and M. L. Salby, 1994: The life cycle of the Madden-Julian Oscillation. *J. Atmos. Sci.*, **51**, 2225-2237.

10:00-10:30 高島 久洋 (大循環力学)

Tsuda, T., M. Nishida, R. Chritian, and R. H. Ware, 2000: A global morphology of gravity wave activity in the stratosphere revealed by the GPS occulation data (GPS/MET). *J. Geophys. Res.*, **123**, 7257-7273.

10:30-11:00 吉原 華子 (極域大気海洋学)

Rao, G. S., and E. M. Agee, 1996: Large eddy simulation of turbulent flow in a marine convective boundary layer with snow. *J. Atmos. Sci.*, **53**, 86-100.

11:00-11:30 尾関 竜彦 (極域大気海洋学)

Asuma, Y., S. Iwata, K. Kikuchi, G. W. K. Moore, R. Kimura and K. Tsuboki, 1998: Precipitation features observed by Doppler radar at Tukutoyaktuk, northwest territories, Canada, during the Beaufort and Arctic storms experiment. *Mon. Wea. Rev.*, **126**, 2384-2405.

11:30-12:00 久保田 圭 (極域大気海洋学)

Seko, H., T. Kato, K. Saito, M. Yoshizaki, K. Kusunoki, M. Maki, and Members of Tsukuba Area Precipitation Studies, 1999: Analytical and numerical studies of a quasi-stationary precipitation band observed over the Kanto Area Associated with Typhoon 9426 (Orchid). *J. Meteor. Soc. Japan*, **77**, 929-948.

昼休み

13:15-13:45 長濱 則夫 (極域大気海洋学)

Brummer, B., 1997: Boundary layer mass, water, and heat budgets in wintertime cold-air outbreak from the Arctic sea ice. *Mon. Wea. Rev.*, **125**, 1824-1837.

13:45-14:15 大石 英子 (極域大気海洋学)

Stolzenburg, M., W. D. Rust, B. F. Smull, and T. C. Marshall, 1998: Electrical structure in thunderstorm convective regions 1. Mesoscale convective systems. *J. Geophys. Res.*, **103**, 14059-14078.

14:15-14:45 太田 典伸 (極域大気海洋学)

Martinson. D. G., P. D. Killworth, and A. L. Gordon, 1981: A convective model for the Weddel Polynya. *J. Phys. Oceanogr.*, **11**, 465-487.

14:45-15:15 橋谷 英介 (極域大気海洋学)

Moisan, J. R., and P. P. Niiler, 1998: The seasonal heat budget of the north Pacific: Net heat flux and heat storage rates (1950-1990), *J. Phys. Oceanogr.*, **28**, 401-422.

15:25-15:55 中田 健嗣 (極域大気海洋学)

Lemke, P., 1987: A coupled one-dimensional sea ice-ocean model. *J. Geophys. Res.*, **92**, 13164-13172.

15:55-16:25 竹山 洋平 (極域大気海洋学)

Kundu, P. K., J. S. Allen, and R. L. Smith, 1975: Modal decomposition of the velocity field near the Oregon Coast. *J. Phys. Oceanogr.*, **5**, 683-704.

16:25-16:55 嶋田 陽一 (極域大気海洋学)

Anderson, D. L. T., and R. A. Corry, 1985: Ocean response to low frequency wind forcing with application to the seasonal variation in the Florida Straits-Gulf Stream transport. *Prog. Oceanogr.*, **14**, 7-40.

J. Climate	Journal of Climate
J. Geophys. Res.	Journal of Geophysical Research
J. Phys. Oceanogr.	Journal of Physical Oceanography
J. Atmos. Sci.	Journal of the Atmospheric Sciences
J. Meteor. Soc. Japan	Journal of Meteorological Sociaty of Japan
Mon. Wea. Rev.	Monthly Weather Review
Prog. Oceanogr.	Progress Oceanography
Quart. J. Roy. Meteor. Soc.	Quarterly Journal of the Royal Meteorological Society