The 9th Workshop of the Virtual Laboratory for the Earth's Climate Diagnostics Program, and the University Allied Workshop

Sep. 29—Oct. 1, 2015, Atmosphere and Ocean Research Institute, The University of Tokyo

http://157.82.240.172/~vl/index-eng.html

This is the announcement of the 9th Workshop of the Virtual Laboratory for the Earth's Climate Diagnostics Program and the University Allied Workshop, which will be held between September 29 and October 1, 2015 at Atmosphere and Ocean Research Institute (AORI) at The University of Tokyo. The workshop will consist of presentations by students and early career researchers on atmospheric modeling, simulations, and analyses, and tutorials/lectures about the Non-hydrostatic Icosahedral Atmospheric Model (NICAM)*.

The Virtual Laboratory for the Earth's Climate Diagnostics Program (VL) is a collaborative project that was started in 2007 by four university research centers: AORI at The University of Tokyo, the HyARC at Nagoya University, CAOS at Tohoku University, and CEReS at Chiba University. We have arranged the workshop to also to be a University Allied Workshop (UAW) in hope of offering opportunities for young scientists to build relationships that will continue throughout their professional careers. The original UAW was an annual workshop jointly involving the former Center for Climate System Research (CCSR, which is now part of AORI, and universities from other Eastern Asian countries.

We sincerely look forward to your participation.

Call for presentations

Presentations are invited on the subjects: atmospheric modeling (global/regional modeling, dynamical cores, and physical processes), numerical simulations and analyses at any time scale, and validation and improvement of numerical models using observational data

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*NICAM references: NICAM web site http://nicam.jp/

Satoh, M., et al. (2014) The Non-hydrostatic Icosahedral Atmospheric Model:

Description and development. Progress in Earth and Planetary Science. 1, 18.

http://dx.doi.org/10.1186/s40645-014-0018-1

Dates:　Sep. 29–Oct. 1, 2015

　　　　　　Sep. 29 (Tue): Presentations

　　　　　　Sep. 30 (Wed): AM: Presentations, PM: Tutorial/lecture

　　　　　　Oct. 1 (Thu): AM: Tutorial/lecture

Location: General Research Building

　　Atmosphere and Ocean Research Institute, The University of Tokyo

　　5-1-5 Kashiwanoha, Kashiwa, Chiba Prefecture, Japan

　　http://ccsr.aori.u-tokyo.ac.jp/directions-e.html

Presentations on the subjects: atmospheric modeling (global/regional modeling, dynamical cores, and physical processes), numerical simulations and analyses at any time scale, and validation and improvement of numerical models using observational data

Tutorial/lecture: "NICAM: description and exercise"

　　　　The structure and programming of the Non-hydrostatic Icosahedral Atmospheric Model (NICAM) will be described, and a NICAM simulation will be performed by compiling the model and analyzing the results.

Lecturers: Masaki Satoh (Professor at AORI)

　　　　　Tomoki Miyakawa (Assistant Professor at AORI)

Requirements : Basic Unix experience

　　　　Please bring your own laptop if possible.

　　　　A limited number of laptops will be available for rent.

　　　　Up-to-date anti-virus software must be installed on your laptop.

　　　　It is desirable that your laptop has the X-window system installed.

　　　　Installation guides for X-windows (X-ming for Windows, X-codes for Mac) will be provided later for those requiring them.

Language: English and Japanese

Maximum number of participants: 40

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Please register by sending an e-mail to vl-office@aori.u-tokyo.ac.jp. Registration will close by 31 July 2015.

In your registration e-mail, please provide:

　　a) Name, affiliation, and e-mail address

　　b) Presentation title and preference (oral, poster, or no presentation)

　　c) Your research area and interests

　　d) Details of your experience using Unix, numerical models, and GrADS.

　　(This information will be used to allocate participants into groups for the lectures.)