

Final Technical Report for

AA FEST

GENERAL CIRCULATION MODEL DEVELOPMENT:

PAST, PRESENT AND FUTURE.

A SYMPOSIUM IN HONOR OF PROFESSOR AKIO ARAKAWA

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SUMMARY

On January 20-22, 1998, "AA Fest. A Symposium on General Circulation Model Development: Past, Present, and Future" was held at the NorthWest Campus Auditorium of University of California, Los Angeles, in honor of Professor Akio Arawaka. The Symposium consisted of two-and-a-half-day technical presentations, along with a banquet in the opening evening and a reception during the poster session of the second evening.

AA Fest was attended by over 100 scientific participants. A list of participant is provided in Appendix, a summary article accepted for publication in *BAMS* (Randall *et al.*, 1999). It was a great privilege for the organizers to have the participation of many leading Japanese scientists, as well as the participants from the U.S. and other nations.

The technical presentations were arranged in the three main sessions entitled "The First 37 Years," "Current Research," and "Future Directions" (Appendix). Each session included both invited and contributed papers. The invited papers were presented orally; some of the contributed papers were presented orally, while others were presented in the form of posters. The list of papers presented at the AA Fest is included in Appendix.

Professor Akio Arakawa presented two honorary lectures, one at the opening and the

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other as the conclusion of the Symposium. The two lectures were filmed professionally by the UCLA's Audio Video Services. Copies of the VHS have been archived at the Archives and Records Management Program of National Center for Atmospheric Research and several international meteorological research institutes for public records. A copy was provided to Department of Energy. In due course, a book based on the papers presented at the *AA Fest* is being edited by David A. Randall which will be provided to Department of Energy when published.

The *AA Fest* was organized efficiently via internet, especially by the means of the WWW: http://www.atmos.ucla.edu/AA_fest, including program, abstracts, registration and local information. Currently the WWW site hosts a photo gallery from the Symposium.

PUBLICATION AND AUDIO VIDEO

Arakawa, A., 1998: *A video of the two lectures, "A Perspective on the early years of general circulation modeling" and "Future Development of General Circulation Models," AA Fest: A Symposium on General Circulation Model Development.* January 1998, Los Angeles. Public archive at National Center for Atmospheric Research, Archives and Records Management Program (information available via WWW at <http://www.dir.ucar.edu/iss/lib/archive/homepage.html>).

– the VHR has been provided to Department of Energy.

Randall, D. A. (Ed.), 1999: *General Circulation Model Development: Past, Present and Future*, Academic Press, in preparation.

– to be provided to Department of Energy at the time of publication.

Randall, D. A., K. Ide and R. M. Wakimoto, 1999: Summary of general Circulation Modeling: Past, Present, and Future, A Symposium in Honor of Akio Arakawa. *Bulletin of the American Meteorological Society*, accepted.

– Appendix.