



PARTICULARS

Winter 2000-2001

Winners Honored at AAAR 2000 Awards Luncheon

The recipients of AAAR's four awards were honored at the Association's annual Awards Luncheon on November 8, 2000. The awards were announced and presented by the Chair of the Awards Committee, Dr. Brian A. Wong. Other Awards Committee members were Igor Gonda, William Marlow, Gil Sem, Chris Sorensen, and James Vincent.

Mercer Joint Prize

The Mercer Joint Prize is jointly sponsored by AAAR and the International Society for Aerosols in Medicine (ISAM). It is named in honor of Dr. Tom Mercer, whose work encompassed aerosol physics, inhalation toxicology, industrial hygiene, and health physics. The award recognizes excellence and achievement in the areas of pharmaceutical aerosols and inhalable materials. This year's recipient is Dr. Abdellaziz Ben-Jebria of the Chemical Engineering department of the Pennsylvania State University. He is the co-inventor and co-patent holder of a methodology for producing large, porous, low density particles. These particles have a small aerodynamic diameter and can penetrate deeply into the lungs, but a large physical size prevents their clearance by alveolar macrophages and, therefore, permits sustained systemic delivery of the active compound. He was nominated by Dr. Lance Collins of the Pennsylvania State University. The award was accepted on behalf of Dr. Ben-Jebria's by his former student, Dr. Shu-Chieh Hu.

David Sinclair Award

The Sinclair Award is named in honor of one of aerosol science's great innovators, known for his knowledge, ingenuity, and energy. He distinguished himself as a pioneer in aerosol science through his work with distinguished colloid scientist Professor Victor L. KaMer at Columbia University. This award recognizes sustained excellence in aerosol research by an established scientist. Dr. James W. Gentry was honored as the recipient of the Sinclair Award. His work in theoretical and experimental studies on nonspherical particles and the electrical charging of particles, and computational and numerical procedures for data analysis was highlighted. His activity in the international aerosol community was also noted. Dr. Gentry was nominated by his colleague at the University of Maryland, Dr. John Ondov.

Kenneth T. Whitby Award

Kenneth T. Whitby, for whom this award is named, is known for his contributions to aerosol measurement, the study of aerosol properties, and behavior, and the nature of atmospheric aerosols. He established the prestigious Particle Technology Laboratory in the Mechanical Engineering Department of the University of Minnesota. The Whitby Award recognizes outstanding technical contributions to aerosol science and technology by a young scientist. It honors Dr. Ken Whitby's contributions to aerosol measurement, the study of aerosol properties and behavior and the nature of atmospheric aerosols. Eligibility requires that the nominee has received their highest degree within the last ten years. This year's recipient of the Whitby Award is Dr. Spyros Pandis of the Carnegie Mellon University. He was recognized for his outstanding theoretical and experimental research in aqueous phase atmospheric chemistry and the interactions between aerosols and clouds, and for his service to his students and university. Dr. Pandis was nominated by Dr. Cliff Davidson of Carnegie-Mellon University.

Sheldon K. Friedlander Award

The Friedlander Award honors one of AAAR's founders, Professor Sheldon Friedlander, for his leadership as a researcher, teacher, and pioneer in aerosol science. Candidates for the award must have received a doctoral degree within the past three years. The dissertation of the candidate is judged based on its originality, significance, and potential applications in the field of aerosol science and technology. This year's Friedlander Award recipient is Dr. William Dick, who was nominated by his dissertation advisor, Dr. Peter McMurry, of the University of Minnesota. Dr. Dick's work involves the refinement of a multiangle light scattering (MALS) technique for online measurements of particle refractive index as a function of relative humidity, size, morphology, and composition, and the application of this information to the modeling of atmospheric aerosols.

The incoming Chair of the Awards Committee is Dr. William Marlow. AAAR members should begin the nomination process for qualified candidates for next year's awards.

AAAR 2001 to be Held in Portland, OR

By Yung Sung Cheng, AAAR 2001 Conference Chair

Mark your calendars for AAAR 2001! The 20th Annual AAAR Conference will be held October 15-19, 2001, at the DoubleTree Hotel Lloyd Center in downtown Portland, Oregon.

The headquarters hotel offers ample space for our platform and poster sessions, exhibits, and special gatherings in meeting rooms located on two floors. The hotel has numerous amenities, including a fitness center, an indoor pool, and a business center with Internet and e-mail facility. AAAR conference rates are \$118 per night plus tax single/double occupancy for a standard room and \$136 per night plus tax single/double occupancy for premium size rooms. Reservations can be made by calling 1-800-996-0510 and must be made by September 22, 2001.

In addition to the main conferences, two AAAR-sponsored special symposia will be held on Saturday and Sunday, October 13-14 prior to AAAR 2001. [The Second Symposium on the History of Aerosol Sciences](#) is organized by Gil Sem (651-490-2729), and the Specialty Symposium on Global Aerosol Climatology/Data Base by Nels Laulainen (509-372-6165). Both symposia will be held at the Embassy Suites Hotel, Portland Airport (503-460-3000 for reservations). Registration for these symposia is separate; please contact AAAR for more information. If you attend both the special symposium and AAAR 2001, you can take advantage of a reduced airfare over Saturday night and have the opportunity to explore this beautiful city.

The AAAR 2001 Conference Planning Committee has begun to organize the conference and will put together what promises to be yet another outstanding technical program. The [Call for Papers](#) is being distributed in December and is posted on the AAAR web site. It is not too late to join a Working Group and get involved! [Click here for updated listings of the Working Groups and their chairs](#), or contact Yung Sung Cheng, AAAR 2001 Conference Chair at ycheng@lrri.org for more information.

President's Message:

AAAR Enters the New Millennium with Confidence

by David Pui

In 2001, AAAR will celebrate its 20th Anniversary Conference. I attended the first AAAR conference and remember well the vision and confidence expressed by the founding leaders, **David Ensor, Sheldon Friedlander, Benjamin Liu, and David Shaw**. AAAR enters the new millennium in excellent shape, thanks to the dedication of past presidents and officers, boards of directors, management office staff, and many dedicated working group chairs who organized memorable annual conferences. The latest conference, organized by the talented **Sonia Kriedenweis**, attracted 605 attendees and 400 tutorial registrations. It was the best-attended conference in recent years. Sonia also tested several innovations, e.g., the PowerPoint presentation, the spiral bound program, and the lunch poster session, all with very good success. These innovations will be adopted in future conferences. I am pleased that two experienced organizers, **Yung-Sung Cheng** and **Chong Kim**, will serve as conference chairs in 2001 and 2002, respectively. They will ensure the continued success of the annual conference.

Under the capable leadership of immediate-past-president **Cliff Davidson**, AAAR has become an efficient organization serving its members and promoting aerosol research. Among many of his accomplishments, Cliff undertook the major task of revising the Guiding Policies and Procedures (P&P) of AAAR. The P&P summarize the responsibilities of officers, committees, and working groups, as well as traditional practices that are pertinent to conferences and publications. The revised P&P was published in the 2000 membership directory. It will help

provide continuity for AAAR operations and will serve as a useful guide to AAAR leadership for young aspiring members. Cliff will continue to promote AAAR's mission and visibility. He has already devoted significant effort to the planning of a major national conference on airborne particulate matter in the spring of 2003.

It is gratifying to me that many former presidents continue to serve AAAR with total dedication. **Sheldon Friedlander** has energized the Long Range Planning Committee with his vision and strategy of promoting the aerosol field to industry, government, and other scientific communities. **David Ensor** has agreed to chair two important committees in the coming year: the Ad hoc Committee to Evaluate the Management Office, and the Publication Committee. The Ad hoc Committee (which included two past presidents as members: **Susanne Hering** and **Cliff Davidson**) is charged with evaluating the performance of Management Office for contract renewal and with setting the future vision for the Office. The Publication Committee is charged with searching for a new editor-in-chief of *Aerosol Science and Technology*. Both tasks will undoubtedly take a significant amount of his valuable time. He accepted both tasks without hesitation.

Another new initiative advocated by two former presidents, **Rick Flagan** and **Susanne Hering**, is a new aerosol website for high quality technical content. The website will publish peer reviewed articles that would not fit within the present journal structures, e.g., computer codes and videos. The web publication will be a part of the International Aerosol Research Assembly (IARA) website with links to member societies. The AAAR Board approved seed funds to support the start-up of the web publication.

Although AAAR enters the 21st century with a solid footing, there are many exciting developments that can propel it to a new height. A key area for generating new memberships will likely be in the industrial sector. We need to maintain a sustaining effort to attract interests from industries, e.g., pharmaceutical, semiconductor, materials, and engines. Interests in the traditional fields of atmospheric and health-related aerosols have remained very strong, attracting large turnout in the respective working groups. One common theme in all these disciplines is the recent interest in nanoparticle/ultrafine-particle studies, a part of the ongoing National Nanotechnology Initiative. We can stimulate member interest by organizing special symposia and workshops. In this newsletter, a nanoparticle symposium is announced that is jointly funded by the U.S., European, and Asian science agencies. This will represent an expanded version of three past NSF-ESF Joint Symposia on Nanoparticles. We hope that "nanoparticle science and engineering" as an "enabling technology" will help to promote AAAR's visibility, resulting in the systematic increase in allocation of resources by industry and government, a vision advocated by **Sheldon Friedlander**.

International cooperation is another area that can accelerate the growth of, and create new opportunities for, the aerosol community. We have witnessed the phenomenal growth of CAART (Chinese Association for Aerosol Research in Taipei) and KARPA (Korean Association for Aerosol and Particle Research) during the past few years. CAART will be the host of the 2002 International Aerosol Conference in Taipei. AAAR's Board has approved a special initiative proposed by **Mike Bergin** and **Glen Cass** to increase exchanges with mainland Chinese scientists in air pollution studies. By networking and strengthening cooperation with

international aerosol communities in all the continents, aerosol associations can benefit from the new opportunities created, and can participate in protecting the world's environment.

I look forward to working with the new Board and officers to advance the AAAR mission. If you have any comments or suggestions on any aspect of AAAR, please feel free to contact me at dyhpui@tc.umn.edu.

From the Editor

Greetings and welcome to the post-conference issue of *Particulars*. By way of introduction, I am Mike Bergin and I have taken over the helm of *Particulars*. It is a pleasure to be working on *Particulars* and I encourage contributions from all AAAR members. Contributions may take the form of editorials, letters to the editor, reports on upcoming events, and articles on accomplishments of our members. These are just suggestions, but all forms of contributions will be considered. Classified and display advertising can also be placed in *Particulars*. Contributions can be submitted to the Editor, or sent directly to the Managing Editor at the AAAR office via e-mail (mail@aar.org), or fax (513-742-3355).

With aerosol research expanding in a multitude of directions ranging from nanotechnology to climate change, *Particulars* is in a position to enhance member awareness of events occurring within the growing community of aerosol scientists. Together, we can make *Particulars* the newsletter to turn to for your aerosol science news. I'm excited to be the Editor of *Particulars* and look forward to working with the members of AAAR!

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AAAR 2000:

A Memorable Meeting in a Great Location

By Sonia M. Kreidenweis, AAAR 2000 Conference Chair

The 19th Annual AAAR Conference was held in downtown St. Louis, Missouri, November 6 - 10, 2000, with over 600 aerosol scientists from around the world participating. The outstanding Exhibits and Technical Programs generated a high level of enthusiasm from members. We thank our Meeting Sponsors and Exhibitors for their invaluable support in helping to make the meeting a success.

Approximately 500 papers were presented during the week in well-attended platform and poster sessions. This year, for the first time, we provided projectors and laptops to display PowerPoint presentations. We owe a big "thank you" for the wonderful support of the AAAR staff and the dedicated student assistants for making this experiment go so smoothly! The response to this innovation was very good and AAAR will continue to offer this presentation option in upcoming meetings.

Some other memorable events during the week included:

- Outgoing AAAR President Cliff Davidson passed the gavel to incoming President David Pui at the Awards Luncheon on Wednesday. At the Luncheon we also honored this year's recipients of AAAR awards and recognitions.
- Jonathan Samet, Daniel Rosner, Patrick McCormick, and Edward Stuebing were our distinguished Plenary Speakers and delivered excellent presentations on a variety of aerosol topics.
- The three organized Special Symposia (Organic Aerosols, Aerosols in Semiconductor Manufacturing, and Respiratory Deposition) were very successful in attracting high-quality papers and large audiences.
- Monday's Tutorials Program was one of our biggest and best ever, with over 400 people participating.
- About 80 people joined the tour of the Washington University Aerosol Research Labs on Thursday evening. Many thanks to local organizers Richard Axelbaum, Pratim Biswas, Michael Dudukovic, Rudy Husar, Jay Turner, and Warren White.

As is our tradition, planning for next year's Annual Meeting began during the week. Yung Sung Cheng is the Meeting Program Chair for the 20th Annual Meeting in Portland, Oregon. If you haven't joined a Working Group yet, please check out the Working Group listing on the AAAR web site and sign up...it's a great way to get involved and to help make the 2001 Meeting our best one yet. Stay tuned for more information on AAAR 2001 and for information on the Call for Papers. We look forward to seeing you there!

New Look for *AS&T* Journal

By Philip K. Hopke, Editor-in-Chief

In each year between 1994 and 1997 *Aerosol Science and Technology (AS&T)* received 111 manuscripts. We believe this was because we had been failing to meet our page commitments and, as a result, were producing "thin" issues. A substantial effort to solicit manuscripts, develop special issues, and work to improve manuscript flow was undertaken. One of our major goals during this period has been to improve the journal's performance and increase the number of manuscripts submitted to the journal. Consequently, during the past two years, we have experienced a substantial increase in the receipt of manuscripts for *AS&T*. In 1998, we received 148 manuscripts, and in 1999 we received 142. So far this year, we have received over 150 manuscripts. We have also developed several special issues that have been well received, although these issues tend to delay regular journal articles. While we have increased the stringency of our review process, the increased rate of submissions has led to a backlog of papers to be published. To relieve the pressure while we examine solutions, the publisher, Taylor and Francis (T&F), has provided an additional 100 pages for the year 2000.

AS&T, in conjunction with T&F, has agreed to change the page size and format of the journal. This will result in publishing fewer, larger pages. Beginning in 2001, *Aerosol Science and Technology* will publish 960 pages per year (80 pages per issue) in an 8½" x 11" format. This format will allow publication of approximately 30 additional manuscripts per volume, which will eliminate the growing backlog and reduce production time (time from acceptance to publication) to approximately five months by June 2001.

We apologize for the delays many of you have experienced in getting your manuscripts published. We are working with the AAAR Board of Directors and T&F to return to the high quality of service we had provided in the recent past as quickly as practical. Your patience is appreciated.

International Symposium on Nanoparticle: Aerosols and Materials

<http://www.i.am/aerosol>; July 5-6, 2001; Pusan, Korea

Aims and Scope

The International Symposium will be held in conjunction with the 2nd Asian Aerosol Conference (July 1-4, 2001, Pusan, Korea) with the following objectives and scope:

- To bring together European, Asian and U.S. scientists in the field of Aerosol Science and Materials Science, and to enhance cooperation, especially among young scientists, in both disciplines.
- To present its most recent findings in the fields of nanostructured materials with new or improved properties, especially functional ceramics and electronics, as well as optical, opto-electronic, and biological devices. Special emphasis will be placed on investigating aerosol methods for manufacturing and processing nanoparticles for materials applications.
- To evaluate the research trends and opportunities, and enhance the link between synthesis and characterization of nanoparticles in the gas phase and nanostructured materials.

The two-day Symposium will involve overview lectures by senior researchers, presentations by selected young researchers, and discussions to promote interactions and collaborations. Participants are all welcome, with or without a presentation .

Location & Venue

The symposium will be held at Westin Chosun Beach Hotel in the Haeundae beach resort area, July 5-6, 2001. The 2nd Asian Aerosol Conference will also be held at Westin Chosun Beach Hotel, July 1-4, 2001.

Abstract Submission

You are invited to participate in this International Symposium on Nanoparticles. All poster abstracts should be submitted to the representative organizer in your area, via e-mail to arrive before April 15, 2001 (see below for corresponding organizer). Abstracts should be a maximum of four pages long. Guideline for formatting abstracts can be found on the web at <http://www.uni-duisburg.de/Partner/ESFNANO/doc/conference.htm>. Financial support may be awarded for selected posters through special programs.

Representative Organizers

For European researchers:

Professor Heinz Fissan, Gerhard-Mercator University Duisburg, Electr. Dept. / Process- and Aerosol Technology, Bismarckstr. 81, 47057 Duisburg, GERMANY, FAX: +49-0-203-379-3268, E-mail: h.fissan@uni-duisburg.de

For U.S. researchers:

Prof. David Y.H. Pui, Particle Technology Laboratory, Mechanical Engineering Department, University of Minnesota, 111 Church St., S.E., Minneapolis, MN 55455, U.S.A., E-mail: dyhpui@tc.umn.edu

For Japanese researchers:

Prof. Kikuo Okuyama, Dept. of Chemical Engineering, Hiroshima University, Higashi-Hiroshima 739-8257, Japan, FAX: +81-824-247850, E-mail: okuyama@hiroshima-u.ac.jp

For Taiwan researchers:

Prof. Chuen-Jinn Tsai, Institute of Environmental Engineering, National Chiao-Tung University, No. 75 Poai St., Hsin Chu, Taiwan, FAX: +886-3-5727835, E-mail: cjtsai@green.ev.nctu.edu.tw

For Korean and other Asian researchers:

Prof. Mansoo Choi, School of Mechanical and Aerospace Engineering, Seoul National University, Seoul 151-742, Korea, FAX: +82-2-878-2465, E-mail: mchoi@plaza.snu.ac.kr

Special Programs for Financial Support

European Science Foundation NANO-Programme

Poster Award

The European Science Foundation, NANO Programme will sponsor invited European lecturers and ten young researchers who present a poster at the symposium. All poster abstracts will be reviewed and ten of the accepted posters will be sponsored by the Foundation. Sponsorship will include covering a portion of the costs for travel, accommodation and registration up to 750 Euros. Applicants must be citizens or permanent residents of European countries and should send an extended abstract, up to four pages in length, for presentation at the symposium. The abstracts should be sent to Prof. Heinz Fissan by e-mail (h.fissan@uni-duisburg.de), and should arrive before April 15, 2001.

U.S. National Science Foundation Program

The U.S. National Science Foundation (Senior Advisor for Nanotechnology: Prof. M.C. Roco), will sponsor invited U.S. Lecturers and ten young researchers at the symposium. Participants sponsored will receive a financial award covering the cost of travel to and from Pusan, Korea, two nights of lodging, registration, and program meals (up to \$1500 per award recipient). Applicants must be assistant professors, post-doctoral research associates, or advanced Ph.D. students within 12 months from completion of thesis, and must be U.S. citizens or permanent residents. Applicants should submit the following documents:

- An extended abstract, up to 4 pages, for presentation at the symposium;
- A short 2-page curriculum vitae (be sure to include your e-mail address)
- Two supporting letters from senior researchers.

An application review committee, consisting of Drs. Pui, Biswas and Roco will select the award recipients for the symposium. The application materials (including the abstract and CV) should be sent to Prof. David Y.H. Pui via e-mail to arrive before April 15, 2001. (Please note: A tour of

Korea's selected nanotechnology laboratories will be organized after the symposium. More details will be provided in future correspondence.)

Korea Science and Engineering Foundation Program

Selected Korean researchers may be partially supported through the KOSEF program. Please contact Prof. Mansoo Choi.

For other Asian researchers, please contact the representative organizer in your area to inquire about the possibility for financial support.

Registration and Booking for Accommodation

Registration and booking forms will be available on the web at <http://www.i.am/aerosol>. Advance registration should be done before June 15, 2001.

Local Host and Other Information

For additional information, please contact Prof. Mansoo Choi, School of Mechanical and Aerospace Engineering, Seoul National University, Seoul 151-742, Korea, Phone: +82-2-880-7128, FAX: +82-2-878-2465, E-mail: mchoi@plaza.snu.ac.kr

***Aerosol Science & Technology* Journal Seeks New Editor-in-Chief**

Extended Deadline for Submissions: JUNE 1, 2001

The American Association for Aerosol Research is conducting a search for an **Editor-in-Chief** for its journal, *Aerosol Science and Technology*. The term of initial appointment is five years with additional term(s) of three years. The journal is a monthly publication. It is published by Taylor and Francis, and normally publishes 150 manuscripts per year. The responsibilities of the Editor-in-Chief are described in the "Guiding Policies and Procedures" in the AAAR Membership Directory and can also be found on the web at <http://www.aaar.org/bylawspp.htm>. Financial support of typically \$25,000 per year is available for the office. Applications, nominations, and suggestions must be submitted by **June 1, 2001**. Nominations and suggestions will be reviewed by the Publications Committee, and applications requested where appropriate. On July 1, 2001, the finalists will be asked to submit a written proposal stating their vision for the journal, proposed structure for the editorial office, budget, and institutional support. The written proposal must be submitted by September 1, 2001. Interviews will be conducted by the Publications Committee on October 15, 2001 at the AAAR meeting in Portland, Oregon. The final selection will be made at the 2002 Winter AAAR Board Meeting and the Editor-in-Chief will begin January 1, 2003.

All applications, nominations, and suggestions should be sent to:

Dr. David S. Ensor
Publications Committee Chair
Research Triangle Institute
P.O. Box 12104
Research Triangle Park, NC 27709
Email: dse@rti.org
(919) 541-6735
Fax: (919) 541-6936

Call for Papers

Second Symposium on History of Aerosol Science

The planning process for the Second Symposium on History of Aerosol Science is now under way. The symposium will be held in Portland, Oregon, on October 13 and 14, 2001. This is the Saturday and Sunday immediately prior to the 2001 AAAR Annual Conference.

The Symposium continues in the tradition of the First Symposium on History of Aerosol Science held in Vienna, Austria in 1999. It covers the history of aerosol science and technology. It is not a conference about the current status of your research. Papers covering historical perspectives of aerosols in the following subject areas are encouraged:

- Prominent aerosol scientists or technologists
- Aerosol instrumentation
- Field experiments
- Professional societies
- Research organizations
- Cloud nucleation science
- Atmospheric aerosol pollution science
- Landmark air pollution episodes
- Milestone laboratory experiments
- Air filtration
- Industrial hygiene science and technology
- Human health science
- Aerosol science and technology
- Light scattering and optical phenomena
- Industrial aerosol formation processes
- Aerosol programs within an organization
- Bio-aerosol science and technology
- Aerosol generation science and technology
- Military aerosol science and technology
- Aerosols in art

- Positive uses of aerosols
- Aerosol chemistry science and technology
- Aerosol source testing technology
- Nuclear aerosol science and technology

Submit your abstract by e-mail no later than May 1, 2001 to Gilmore Sem at gsem@tsi.com. Your abstract should be more than one-half page in length, but no longer than one page, using margins with a printed area of 15 cm wide by 22 cm high, including title, authors, figures, and tables. Use Times New Roman typeface with 11-point type size. If these instructions cause any problem, please send your special request to the e-mail address above. Alternatively, you may send your abstract by postal mail to: Gilmore Sem, TSI Incorporated, P.O. Box 64394, St. Paul, MN 55164.

AAAR Special Initiatives and Symposia

AAAR Special Initiatives in St. Louis

AAAR Special Initiatives in St. Louis The special symposium on *Aerosols in Semiconductor Manufacturing: Materials Processing to Microcontamination* was a great success. Rooms were packed for two technical sessions, and the invited speaker, Dr. C.R. Brundle of Applied Materials, gave a well-received presentation on source characterization of contaminants. Industry and academia were well represented (Lucent, Cabot, Applied Materials, etc.) including academics from universities around the world. Discussions on the special symposium spilled over into the luncheon that followed. Special thanks to Raj Rao and Mike Schabel for helping to plan this symposium, and to the AAAR for financial support (contributed by Sheryl Ehrman).

The special symposium on the *Respiratory Deposition of Inhaled Particles* (organized by Chong Kim) was hugely successful. Thirty abstracts were submitted for the Symposium. Sixteen of them were presented in four platform sessions, and 14 were presented in two poster sessions. The number of presentations was one of the largest for any topic category at the St. Louis conference. It is particularly noteworthy that the Symposium drew attention from the international research community. There were international platform speakers from six different countries including the United Kingdom, Germany, Austria, China, Korea, and Canada. This made the Symposium truly an international affair. All sessions were well attended. There were many first-time attendees at the AAAR conference as a result of being attracted by the Symposium. The success of the Symposium highlighted the strength of the AAAR Special Initiative program, and has indeed set the standard for future Special Initiatives projects (contributed by Chong Kim).

An *Organic Aerosols Symposium* was held on Tuesday with a standing room-only audience. The symposium was organized by James Schauer, Barbara Turpin, and Uma Shankar, and sponsored by the Atmospheric Aerosols Working Group. Topics covered included gas-particle partitioning, challenges inherent in sampling multiphase organics, secondary organic aerosol formation, and organics in cloud droplets. The symposium drew high-quality presentations and

questions among many of the leaders in this field, and stimulated discussions that spilled into the halls after the session.

AAAR Special Initiatives and Symposia at the Portland Annual Meeting

There are two special Symposia that will be taking place just prior to the Portland meeting in 2001. The symposia are entitled *Global Aerosol Climatology / Data Base and the Second Symposium on History of Aerosol Science*.

In addition to the Symposia, there will be a AAAR Special Initiative Session that will take place during the Portland conference titled *Enhancing Aerosol Research in China*. The primary focus of the session is to bring together aerosol researchers from China with the AAAR community. Several aerosol researchers will be invited from China to participate in the conference. It is anticipated that presentations will be given on a wide range of aerosol-related topics including PM_{2.5}, chemical composition in urban and rural regions of China, and long range transport of aerosols and their precursors from this region of the world. Aerosol researchers from the upcoming TRACE-P and ACEASIA field campaigns, as well as AAAR members involved in aerosol research related to China are strongly encouraged to submit abstracts. AAAR travel grants will be available to support the attendance of several aerosol researchers from China. Those interested in the Symposium should contact Mike Bergin (mike.bergin@ce.gatech.edu) and/or Glen Cass (cass@eas.gatech.edu).

Special Symposium: Global Aerosol Climatology / Data Base. A special day and a half symposium on Global Aerosol Climatology / Data Base will be held on October 13 and 14. This symposium will take place the two days prior to the 2001 American Association for Aerosol Research (AAAR) annual meeting, which is scheduled for October 15-19 in Portland, Oregon. The symposium will be held at the Embassy Suites Hotel Portland Airport and will be run parallel to the Second Symposium on History of Aerosol Science. It is not the same hotel as the main AAAR meeting, which will be convened at the Double Tree Lloyd Center in Portland City Center. The timing and locale of the symposium are intended to be convenient for those wishing to attend both the symposium and the AAAR meeting. Attendance at the AAAR meeting, however, is not a prerequisite for attending the Climatology Symposium. They are unique events and require separate registration. The purpose of the symposium is to provide a review of current aerosol databases, their completeness, length of record, quality and accessibility, and to recommend how these databases may be linked so that the research community may have a broader, more extensive climatology of aerosol-related information base for use in various research projects. The symposium will be organized around several topic areas: satellite-derived aerosol products, remote sensing observations from surface and aircraft platforms, surface-based radiometric observations, in-situ surface observations (networks and field campaigns), and in-situ airborne observations. The program will consist of platform and poster papers. Both platform and poster papers will be carried over into the AAAR meeting as poster papers for those wishing to attend both meetings. A brief summary of the Symposium will be presented during one of the plenary sessions of the AAAR meeting. In addition, a Symposium proceedings will also be published, perhaps as a monograph in the Deepak Publishing aerosol series.

Pre-registration is strongly encouraged and may be accomplished in one of the following manners: 1) via the AAAR website at www.aaar.org; 2) by fax at 1-513-742-3355; or 3) by mail to AAAR, c/o Climatology Symposium, P.O. Box 691593, Cincinnati, OH 45269-1593. The pre-registration fee is \$125, and may be made either by check in U.S. funds drawn on a U.S. bank, or by credit card (Visa, MasterCard, American Express). The pre-registration deadline is October 1, 2001. A \$25 cancellation fee will be applied for registration cancellation. On-site registration will be available on Friday, October 12, from 6:00 to 8:00 p.m., and Saturday, October 13, from 7:30 a.m. to 1:00 p.m. The on-site registration fee is \$150. The first session begins at 12:30 p.m. on Saturday, October 13. The last session will end about 5:00 p.m., Sunday, October 14. Please contact Anita Schmid at 1-513-742-2227 or aschmid@acgih.org for questions regarding registration.

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