

2nd Announcement for
**The 8th International Workshop on
Adjoint Applications in Dynamic Meteorology**
Tannersville, Pennsylvania, U.S., 18-22 May 2009

Call for Presentations
Call for Suggested Review Topics
Call for Requests for Financial Support

Please read this carefully and respond appropriately.

The next adjoint workshop will be held 18-22 May 2009 at The Chateau Resort and Conference Center in Tannersville, Pennsylvania, USA. The cost per person will be approximately US\$800 for single occupancy (less for double), for the full Sunday dinner through Friday lunch, including all meals and registration. This site is near that of the 6th Adjoint Workshop, approximately 140 km (1.5 hours) west of New York City or 170 km (2 hours) north of Philadelphia.

As at previous workshops, we will have a mixture of short talks and (invited) long talks, as well as posters and some special evening presentations. Although the title of this workshop purposefully includes the words "adjoint" and "dynamic meteorology" we do welcome: (1) presentations that do not concern adjoints but concern the same applications to which adjoint are applied, such as ensemble forecasting or data assimilation; and (2) presentations regarding adjoint applications in other fields, such as particularly oceanography. The title was purposefully chosen for the first adjoint workshop in order to keep the number of participants manageable, but we also desire a cross-fertilization of ideas.

As for previous Adjoint Workshops, please do not plan a presentation that primarily advertises your work. Instead, focus on a few, important new things that you have learned through your work, and plan on explaining them with sufficient detail so that the audience can properly understand your claims and how they are supported. Your goal should be to teach us all something about adjoint related problems.

If you want to present a short talk or poster, you must send an abstract to Ron Errico at ronald.m.errico@nasa.gov before 10 January 2009. Include a title and abstract with names of the presenter and co-authors and affiliations. The abstract should be in ASCII text format (.txt file or simply an ASCII email text) and not be more than about 300 words. These abstracts will be read by some members of the organizing committee to ensure that the presentations are appropriate for this workshop and to determine in which sessions they belongs. You can assume the readers know what the basics are, such as an adjoint, singular vector, 4DVAR, Kalman Filter, etc. Indicate whether you prefer a poster or oral presentation, although the final decision will be that of the organizers. Although many of you have worked on several projects since the previous workshop, please restrict yourself to presenting only one yourself. You will have opportunities to

discuss additional work privately with others, but by being so considerate, others will have an opportunity to publicly present their works too. Accepted abstracts will eventually be posted on the workshop website and printed along with the program. You will be notified if your abstract has been accepted by 10 February 2009. Reservations at the conference center will be required by 1 March 2009. Instruction on how to make reservations will be sent in February.

A conference website has been set up at
http://gmao.gsfc.nasa.gov/events/adjoint_workshop-8

The organizers are seeking recommendations for topics and names of speakers for long invited talks. These may be presentations of either new but fundamental science requiring some additional time to present or review or tutorial-like talks intended for those just stepping into the field. We also are requesting suggestions for possible topics and speakers for a couple of evening talks that will be more informal and perhaps controversial or speculative. We will consider organizing a session that is more like a debate or group discussion if an appropriate topic and key presenters are suggested. The organizers would really like your suggestions regarding these choices, so please give it some thought and respond if you have specific recommendations. Also feel free to nominate yourself.

After each of the past few adjoint workshops, several novices to the field stated that they would have learned more if additional more-introductory tutorials were presented at the beginning. Last year, I was asked to present 3 hours of introductory class lectures on "Adjoint Models as Analytical Tools." This covered some adjoint modeling basics, a description of some applications outside of data assimilation, and some important issues infrequently presented elsewhere. This tutorial is too long to fit in the workshop schedule, but perhaps a suitably shortened version of it and a 4DVAR introduction by someone else can be presented to "students" during the Sunday afternoon before the workshop. If you would be interested in these tutorials, please let me know. Also, indicate whether you would be willing to arrive 1 day early to attend them. If there is enough interest, we may find some way to present them.

The U.S. National Science Foundation and the Global Modeling and Assimilation Office at NASA have kindly provided some funds to assist participants in their expenses. Since these are funds from a domestic rather than international U.S. agency, priority will be given to students at U.S. institutions, followed by postdocs at the same, then students or postdocs in other countries, then more senior U.S. university researchers, followed by all others. Only partial support will be provided to any applicant: likely it will be limited to expenses incurred at the conference center. In the past, some exceptions to these rules have been made. Although the available funds are limited, in the past the same amount has been sufficient to cover all requests. If extra funds are available, it is possible that plane fares could also be covered, but note that then you must fly a U.S. carrier (company or code share) if at all possible, even if the cost is greater than otherwise, so do not make your own reservations until learning the status of your request.

If you desire financial assistance from the workshop organization, email Ron Errico (ronald.m.errico@nasa.gov) with your name, affiliation, position (student, postdoc, or other), and the amount of your request. Additionally, if you are a student or postdoc, request that your sponsor also send Ron an email recommending support and explaining that expenses not covered by these funds will be covered by some other source. If requests surpass availability, some recipients of these funds may be asked to share a room at the conference center. Applicants will receive notice in early February of any award amount along with instructions for obtaining the funds. It is possible that the recipient's expenses to the conference center will be paid directly to the center, Otherwise, reimbursement may take up to 3 months.

Please forward this to whoever may be interested.

We look forward to seeing many of you again and some new faces too!

For the workshop organizers,
Ron Errico
ronald.m.errico@nasa.gov phone:(US) 301-614-6402