

CCMVal workshop 2009: 2nd Announcement

Workshop website: <http://www.atmosp.physics.utoronto.ca/SPARC/CCMVal2009/>

***** Call for Abstracts and Registration *****

DATES: 1-5 June 2009

VENUE: University of Toronto, Canada

LOCAL ORGANIZATION:

V. de Luca (SPARC Office) and D. Pendlebury (Univ. of Toronto)

CONVENERS: V. Eyring (DLR), T.G. Shepherd (Univ. of Toronto), D.W. Waugh (JHU), A. Gettelman (NCAR), and S. Pawson (NASA)

BACKGROUND AND SCOPE: The 2009 Chemistry-Climate Modeling Validation (CCMVal) Workshop will focus on process-oriented validation and comparison of coupled chemistry-climate models (CCMs). It will include discussion of advances in Chemistry-Climate Modeling of the stratospheric ozone layer, stratospheric climate and climate variability, and the coupled ozone-climate response to natural and anthropogenic forcings. This workshop is part of the SPARC CCMVal activity (<http://www.pa.op.dlr.de/CCMVal/>), which aims to bring the expertise obtained from interpreting measurements and process-based modeling into global models, thus improving our confidence in future projections from CCMs.

WORKSHOP GOALS: The main theme of the workshop will be on progress with the SPARC CCMVal report. It will include updates by the lead authors of the chapters, presentation of other related advances made by the various modeling groups, and discussion of the results presented in the first-order draft of the report. Opportunities will exist for discussion of new observations and process-model studies that lead to new methods that can be used for CCM evaluation.

WORKSHOP FORMAT:

1. **The main meeting (1-3 June 2009)** will be centered on the CCMVal Report chapters. It will include a limited number of oral presentations and will emphasize discussion about progress with the CCMVal Report. Poster sessions will provide opportunities for a large number of related results to be presented.
2. **Individual SPARC CCMVal Report chapter meetings (4 June 2009).** Chapter lead authors will provide information to their co-authors about the timing, location and scope of these meetings.
3. **One Day CCMVal Diagnostic Tool & NCL Tutorial (5 June 2009).** This one day tutorial will describe the new CCMVal diagnostic package for analyzing model output, and provide an introduction to the NCAR Command Language (NCL) graphics package used within the diagnostics. Topics will include:
 - a. Introduction to the diagnostic package (how to run it)
 - b. Description of how to use the tool for analysis using NCL
 - c. Introduction to NCL: File I/O, data analysis, basic graphics commands,
 - d. Tour of NCL resources (Web site, tutorials)
 - e. Examples of using NCL to process CCMVal output

ABSTRACT SUBMISSION: We welcome the submission of abstracts on research in coupled chemistry climate modeling and observations. The workshop will emphasize process-oriented evaluation of CCMs using observations, CCM intercomparison, and the ongoing development of CCMs to answer critical science questions. Papers are especially encouraged from CCMVal Collaborators and from those presenting CCMVal diagnostics. A limited number of these abstract contributions will be invited to present their work in the main workshop sessions.

Deadline for abstract submission: **31 March 2009**.

REGISTRATION: Please fill in the Online Registration form on the web site as soon as possible, but not later than **31 March 2009**. In this form, please indicate whether you want to participate in the NCL course.

WORKSHOP FEES: The workshop fee for local expenses will be 160 CAD (including the banquet on Wednesday night) or 120 CAD (not including the banquet), and will be collected during registration. It must be paid in cash.

ACCOMMODATION: Blocks of rooms have been reserved in various hotels and in the Victoria University, see information on the website. Additional local information on the venue and how to travel to Toronto is also provided on the website.

SUMMARY: A workshop summary report will be published in the SPARC newsletter a few months after the meeting.

The workshop is being held under the auspices of the University of Toronto and WCRP's (World Climate Research Programme) SPARC (Stratospheric Processes and their Role in Climate). Please note that the Spring AGU is held in Toronto this year during the previous week, May 24-27, 2009, and that the AMS Joint Conference on the Middle Atmosphere and Atmospheric & Oceanic Fluid Dynamics is held the following week, June 8-12, in Stowe, Vermont.