

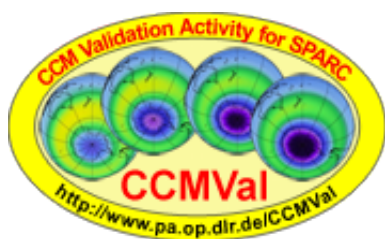
# SPARC

## CCMVal workshop 2009

University of Toronto, Canada

1-5 June, 2009

<http://www.pa.op.dlr.de/CCMVal/>



## Final Agenda CCMVal 2009 Workshop

Koffler Institute of Pharmacy Management, 569 Spadina Avenue (at Bancroft)  
 Department of Physics, 255 Huron St. / 60 St. George St.  
 University of Toronto, Canada; June 1-5, 2009

### Monday, 1 June 2009 (Koffler Institute)

08:30 - 08:50      *Registration and poster set-up*

*A workshop fee will be collected to cover local costs: CAD 120 (no banquet) or CAD 160 (with banquet). Cash only.*

### BLOCK 1: CCMVal, AC&C and Assessment needs

Chair: *Darryn Waugh*

08:50 - 09:00      **Welcome**      **Ted Shepherd**

09:00 - 09:15      **CCMVal Status and Workshop Goals**      **Veronika Eyring**

09:15 - 09:30      **CCMVal Archive at BADC**      **Charlotte Pascoe**

09:30 - 09:45      **CCMVal Diagnostic Tool**      **Andrew Gettelman**

09:45 - 10:15      **Feedback session on CCMVal data policy, reference and sensitivity simulations, cut-off dates, etc.**      **All Participants**

10:15 - 10:45      *Coffee (poster set-up continued)*

**AC&C**

10:45 - 11:25	<b>ACAC interactions</b>	<a href="#">Martyn Chipperfield &amp; Jean-François Lamarque</a>
11:25 - 12:10	<b>Ozone forcing data sets for CMIP5 simulations</b>	<a href="#">Greg Bodeker, Irene Cionni, Jean-François Lamarque &amp; Bill Randel</a>
12:10 - 12:25	<b>CMIP5 CCMVal simulations</b>	<b>Ted Shepherd</b>
12:25 - 12:40	<b>WMO/UNEP assessment needs</b>	<a href="#">Paul Newman &amp; John Pyle</a>
12:40 - 14:30	<i>Lunch and poster viewing</i>	

## **BLOCK 2: Research around the SPARC CCMVal Report**

Chair: *Andrew Gettelman*

### **Chapter 1: Introduction, and plans for Synthesis Chapter**

14:30 - 14:50	<b>Discussion</b>	<a href="#">Veronika Eyring, Ted Shepherd &amp; Darryn Waugh</a>
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### **Chapter 2: Chemistry climate models and scenarios**

14:50 - 15:20	<b>Overview and Discussion: CCMs and scenarios</b>	<a href="#">Marco Giorgetta &amp; Kiyotaka Shibata</a>
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### **Chapter 3: Radiation**

15:20 - 15:40	<b>Overview and Discussion: Radiation</b>	<a href="#">Victor Fomichev &amp; Piers Forster</a>
15:40 - 15:55	<b>Contributed Talks: Radiation</b>	<a href="#">Andreas Jonsson</a>
15:55 - 16:15	<i>Coffee</i>	

### **Chapter 4: Dynamics**

Chair: *Veronika Eyring*

16:15 - 16:55	<b>Overview and Discussion: Dynamics</b>	<a href="#">Neal Butchart &amp; Andrew Charlton-Perez</a>
16:55 - 17:10	<b>Contributed Talks: Dynamics I</b>	<a href="#">Judith Perlwitz</a>
17:10 - 18:45	<b>Poster Session: CCMs, Radiation, Dynamics, and Transport</b>	

**Bodeker, Eyring, Morgenstern, Kirner, Pawson, Rex,**

**Wohltmann, Langematz, Garny, Hitchcock, Hurwitz,  
Kushner, Manney, Peters, Wang, Huck, Khosrawi, Yudin**

18:45 - 20:00      *Icebreaker*

## **Tuesday, 2 June 2009 (Department of Physics and Koffler Institute)**

*Tuesday morning's sessions will be held at the McLennan Physical Labs, 255 Huron Street or 60 St. George Street, Room 137.*

### **Chapter 4: Dynamics continued**

08:40 - 09:25      **Contributed Talks:  
Dynamics II**      [Charles McLandress](#), [Scott Osprey](#),  
[Kiyotaka Shibata](#)

### **Chapter 5: Transport**

Chair: *Ted Shepherd*

09:25 - 10:05      **Overview and Discussion:  
Transport**      [Jessica Neu](#) & [Susan Strahan](#)

10:05 - 10:30      *Coffee*

10:30 - 11:30      **Contributed Talks: Transport**      [Peter Braesicke](#), [Anne Douglass](#),  
[Susann Tegtmeier](#), [Jo Urban](#)

### **Chapter 6: Stratospheric Chemistry & Microphysics**

Chair: *Neil Harris*

11:30 - 12:10      **Overview and  
Discussion: Chemistry**      [Martyn Chipperfield](#) & [Doug Kinnison](#)

12:10 -13:30      *Lunch*

*Afternoon session continues at the Koffler Institute.*

13:30 - 14:30      **Contributed Talks:  
Chemistry**      [Huisheng Bian](#), [Christoph Bruehl](#),  
[Simone Tilmes](#), [Rich Stolarski](#)

### **Chapter 7: UTLS**

Chair: *David Fahey*

14:20 - 15:10      **Overview and**      [Andrew Cottelman](#) & [Michele Hoeslin](#)

14:50 - 15:10	<b>Discussion: UTLS</b>	<a href="#">Andrew Gettelman &amp; Michaela Hegglin</a>
15:10 - 15:30	<i>Coffee</i>	
15:30 - 16:30	<b>Contributed Talks: UTLS</b>	<a href="#">Peter Hoor, Simone Tilmes, Stefanie Kremser, Bill Randel</a>
16:30 - 18:00	<b>Poster Session: Chemistry, UTLS, Natural Variability, Ozone Projections and Effects on Climate</b>	<a href="#">Bodeker, Jones, Michou, Froidevaux, Toohey, Lee, Cagnazzo, Dhomse, Kunze, Niemeier, Akiyoshi, Austin, Plummer, Stenke, Nakamura, Morgenstern, Kushner, Perlwitz, Yamashita, Qin, Son</a>
20:00	<i>Banquet at the CN Tower (30 minutes to get from University of Toronto to the CN Tower, and it's recommended to arrive at least 20 minutes before the reservation)</i>	

### Wednesday, 3 June 2009 (Koffler Institute)

#### Chapter 8: Natural variability

Chair: *Steven Pawson*

09:00 - 09:40	<b>Overview and Discussion: Natural Variability</b>	<a href="#">Elisa Manzini &amp; Katja Matthes</a>
09:40 - 10:10	<b>Contributed Talks: Natural Variability</b>	<a href="#">Natalia Calvo, Kirstin Krueger</a>
10:10 - 10:35	<i>Coffee</i>	

#### Chapter 9: Long-term projections of stratospheric ozone

Chair: *Paul Newman*

10:35 - 11:15	<b>Overview and Discussion: Ozone projections</b>	<a href="#">John Austin &amp; John Scinocca</a>
11:15 - 12:15	<b>Contributed Talks: Ozone Projections</b>	<a href="#">Alexey Karpechko, Ulrike Langematz, Luke Oman, Steven Hardiman</a>
12:15 - 13:35	<i>Lunch</i>	

#### Chapter 10: Effect of the stratosphere on climate

Chair: *TBD*

**Overview and Discussion:**

13:35 - 14:15	<b>Overview and Discussion: Effects on Climate</b>	<b>Mark Baldwin &amp; Nathan Gillett</b>
14:15 - 14:45	<b>Contributed Talks: Effects on Climate</b>	<b>Ed Gerber, Thomas Reichler</b>
14:45 - 15:05	<i>Coffee</i>	

### **BLOCK 3: Closing Session**

15:05 - 15:50	<b>Discussion on performance metrics applied in the SPARC CCMVal Report</b>
15:50 - 16:20	<b>Discussion on CCMVal data policy, data requests etc</b>
16:20 - 17:30	<b><u>Final Plenary Discussion</u></b>

### **Thursday, 4 June 2009 (Department of Physics)**

*Thursday's sessions will be held at the McLennan Physical Labs, 255 Huron Street or 60 St. George Street, Rooms: TBA.*

09:00 - 17:30      **Individual SPARC CCMVal Report chapter meetings**

*Chapter lead authors will provide information to their co-authors about the timing, location and scope of these meetings. Coffee breaks will be in the lounge, room 110.*

10:30 - 11:00      *Coffee*

14:45 - 15:15      *Coffee*

### **Friday, 5 June 2009 (Department of Physics)**

*Friday's sessions will be held at the McLennan Physical Labs, 255 Huron Street or 60 St. George Street, Room: 118. Coffee breaks will be in the lounge, room 110.*

09:00 - 17:30      **CCMVal Diagnostic Tool & NCL Tutorial**

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

10:30 - 11:00      *Coffee*

14:45 - 15:15      *Coffee*

## Notes concerning posters

- All posters can be up at the Koffler Institute from Monday morning through Wednesday afternoon
- Poster presenters are asked to be at their posters during the sessions where they are named
- Poster boards are 4 feet high by 6 feet across. We are hoping to have two posters on each side (perhaps extending above and below the board). If you will need more than 3 feet across, please let Victoria Deluca know ([sparc@atmosp.physics.utoronto.ca](mailto:sparc@atmosp.physics.utoronto.ca))

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AND SCOPE

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Last update: May 29, 2009