

NETCARE Workshop Agenda 2013  
 Monday November 18th - Tuesday November 19th

**Monday November 18th 2013**

**Session 1** Introductions: The Network and the External Steering Committee Chair: Jen Murphy

**08:00 - 09:00** Continental Breakfast

**09:00 - 09:30** Introduction to the Network Jon Abbatt

**09:30 - 12:00** Introduction to the External Steering Committee:  
 Ken Carslaw, University of Leeds  
 Trish Quinn, National Oceanic and Atmospheric Administration  
 Marjorie Shepherd, Environment Canada

09:30 - 10:10 Is the Arctic the most uncertain aerosol environment in the world? Ken Carslaw

10:10 - 10:40 Coffee Break

10:40 - 11:20 Empirical Constraints on Modeling the Organic Matter Enrichment in Nascent Sea Spray Aerosol Trish Quinn

11:20 - 12:00 Climate Science at Environment Canada Marjorie Shepherd

**12:00 - 13:15** Lunch at the Faculty Club

**Session 2** Big Picture Science Questions tied to our Research Themes Chair: Randall Martin

**13:15 - 15:45** Introduction to the central science questions focused on by the network

(22 minute talks with 8 minutes of questions)

13:15 - 13:45 Black Carbon/Carbonaceous Aerosol Richard Leitch

13:45 - 14:15 Ice Clouds Allan Bertram

14:15 - 14:45 Ocean-Atmosphere Interactions Maurice Levasseur

14:45 - 15:15 Coffee

15:15 - 15:45 Radiative Forcing Knut von Salzen

**Session 3a** NETCARE HQP (Highly Qualified Personnel) Chair: Allan Bertram

**15:45 - 16:45** HQP present new exciting research results  
 (12 minute talks with 3 minutes of questions)

15:45 - 16:00 Black Carbon Measurements at Whistler Sarah Hanna

16:00 - 16:15 Ice Nuclei in the Sea Surface Microlayer Luis Ladino

16:15 - 16:30 Aerosol Lifetimes in High Latitudes in the GEOS-Chem Model Betty Croft

16:30 - 16:45 Analysis of 2012 POLAR Flight Data Julia Burkart

**Session 3b** NETCARE HQP (continued) Chair: Bob Christensen

**16:45 - 17:30** Brief Introductions to the NETCARE HQP and their work within the network

(2 minute talks, 19 presentations, one slide each)

Amir Aliabadi, Marjolaine Blais, Yacine Bouzid, Roghayeh Ghahremaninezhadgharelar,

Margaux Gourdal, Hakase Hayashida, Sareh Hesaraki, Cheol-Heon Jeong,

Setigui Aboubacar Keita, Alex Lee, Martine Lizotte, Ryan Mason,

Andrew Morrow, Emma Mungall, Mina Rohanizadegan,

Greg Wentworth, Megan Willis, Jacquie Yakobi

**19:00** Dinner at Lee Chen Asian Bistro, 832 Yonge St. Toronto

Tuesday November 19th 2013

Session 4a Research Plans

Chair: Lisa Miller

**08:00 - 09:00** Continental Breakfast

**09:00 - 12:00** Network scientists introduce the research tools they bring to the science issues, and their specific projects within the network

(6 minute talks with 4 minutes of discussion)

09:00 - 09:10 Jean-Pierre Blanchet

09:10 - 09:20 Chris Fletcher

09:20 - 09:30 Eric Girard

09:30 - 09:40 Wanmin Gong

09:40 - 09:50 Charles Jia

09:50 - 10:00 Randall Martin

10:00 - 10:10 Jeff Pierce

10:10 - 10:20 Knut von Salzen

10:20 - 10:50 Coffee

Session 4b Research Plans (continued)

Chair: Maurice Levasseur

10:50 - 11:00 Nadja Steiner

11:00 - 11:10 Greg Evans

11:10 - 11:20 Lin Huang

11:20 - 11:30 Norm O'Neill

11:30 - 11:40 Allan Bertram

11:40 - 11:50 Sangeeta Sharma

11:50 - 12:00 Ralf Staebler

**12:00 - 13:15** Lunch, Joint Executive / Steering Committee Meeting

Session 5 Focus on NETCARE-POLAR Aircraft Flights

Chair: Jon Abbatt

**13:15 - 14:05** Introduction of the flight campaigns

Jon Abbatt

Richard Leitch

Andreas Herber

Allan Bertram

Jean-Pierre Blanchet

Session 6 Focus on NETCARE-Amundsen Cruises

Chair: Jon Abbatt

**14:05 - 15:00** Introduction of the Cruises

Maurice Levasseur

Additional Contributions

Michel Gosselin

Lisa Miller

Jennifer Murphy

Ann-Lise Norman

Allan Bertram

Jon Abbatt

Session 7 Open Discussion

Moderator: Jon Abbatt

**15:00 - 15:30** Are the experimental plans well laid out?

Are the modeling efforts sufficiently coordinated?

Do the modelers understand what is coming from the measurements?

Are the measurements of use to the modelers?

Are there key model-measurement inter-comparisons to be made?

**15:30 - 16:00** Coffee and coordinated departure to airport

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