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[Start](#)
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[Browse by Day](#)
[Author Index](#)

Session 7: Northeast Oxidant and Particulate Study (NEOPS)

Tuesday, 15 January 2002: 11:00 AM-4:30 PM

Organizers: Richard D. Clark, Millersville University and C. Russell Philbrick, Penn State University

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Papers:

- 11:00 AM **7.1** [Overview of the NARSTO-NE-OPS Program](#)
C. Russell Philbrick, Penn State University, University Park, PA; and W. F. Ryan, R. D. Clark, B. G. Doddridge, R. R. Dickerson, P. Koutrakis, J. W. Munger, S. R. McDow, S. T. Rao, D. J. Eatough, P. K. Hopke, P. K. Dasgupta, and E. al
[Poster PDF](#) (466.6 kB)
- 11:15 AM **7.2** [Northeast Oxidant and Particulate Study \(NEOPS\): Preliminary results from the Centerton, New Jersey, Field Site](#)
Nancy A. Marley, ANL, Argonne, IL; and J. S. Gaffney
[Poster PDF](#) (1.6 MB)
- 11:30 AM **7.3** [The relative role of local and regional-scale processes on ozone in Philadelphia](#)
Jerome D. Fast, PNNL, Richland, WA
- 11:45 AM **7.4** [The Regional Nature of Ozone and Fine Particulate Matter](#)
Russell R Dickerson, The University of Maryland, College Park, MD; and A. Chen, B. G. Doddridge, R. D. Hudson, and B. Holben
- 12:00 PM **7.5** [The effects of local and regional scale circulations on air pollutants during NARSTO-NE-OPS 1999-2001](#)
Richard D. Clark, Millersville University of Pennsylvania, Millersville, PA; and C. R. Philbrick, W. F. Ryan, B. G. Doddridge, and J. W. Stehr
[Poster PDF](#) (1.1 MB)
- 12:15 PM **7.6** [Relationships among surface observations of particle mass, number, composition, and gaseous precursors during the summer 1999 Philadelphia NE-OPS study](#)
George A. Allen, Harvard School of Public Health, Boston, MA; and P. Koutrakis
[Poster PDF](#) (111.9 kB)
- 12:30 PM **7.7** [Raman Lidar Measurements of Airborne Particulate Matter](#)
Guangkun Li, Penn State University, University Park, PA; and C. R. Philbrick and G. A. Allen
[Poster PDF](#) (440.0 kB)
- 12:45 PM **7.8** [Ozone production in the Philadelphia urban area during NE-OPS 99](#)
Lawrence I. Kleinman, Brookhaven National Laboratory, Upton, NY; and P. H. Daum, F. Brechtel, Y. -. N. Lee, L. J. Nunnermacker, S. R. Springston, and J. Weinstein-Lloyd
[Poster PDF](#) (103.2 kB)
- 1:00 PM **7.9** [Organic Composition of PM-2.5 in the Northeast Oxidant and Particulate Study Using a Low Cut-off Inertial Impactor](#)
Stephen R. McDow, Drexel University, Philadelphia, PA; and L. Moeini-Nombel, M. H. Lee, I. G. Kavouras, G. A. Allen, and P. Koutrakis
- 1:15 PM **7.10** [Meteorological aspects of the July 15-20, 1999 Northeast Oxidant and Particulate Study \(NEOPS\) pollution episode](#)
William F. Ryan, Penn State Univ., University Park, PA; and C. R. Philbrick and R. D. Clark
-  **7.11** [Interpretation of NO_y, O₃, and CO Data from Northeast Oxidant and Particle Study](#)
- 1:45 PM **7.12** [Airborne measurements of chemistry and aerosol optical properties during NARSTO Northeast Oxidant and Particle Study](#)
Bruce G Doddridge, University of Maryland, College Park, MD; and R. D. Clark and C. R. Philbrick
- 2:00 PM **7.13** [A Comparative Study of Prognostic Meteorological and of Air Quality Model Predictions with NEOPS 1999 Observations](#)
A. Chandrasekar, Rutgers University, Ozone Research Center, Piscataway, NJ; and Q. Sun and P. G. Georgopoulos

[Poster PDF](#) (204.3 kB)

2:15 PM **7.4a** Grand Poster Luncheon

4:15 PM **7.10a** Coffee Break in Exhibit Hall

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