

***Interactive comment on “Lidar-Radiometer
Inversion Code (LIRIC) for the retrieval of vertical
aerosol properties from combined lidar/radiometer
data: development and distribution in EARLINET”
by A. Chaikovsky et al.***

P. Ginoux

paul.ginoux@noaa.gov

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Very nice work. I just would like to mention that 3 authors of the present work were part of a previous research to do exactly what you have done here (merging lidar and sunphotometers data to retrieve aerosol composition). The method was explained and applied by Ganguly et al. (2009a) over the US in and then applied by Ganguly et al. (2009b) over Kanpur (India). Chaikovsky et al. (2002) may have been the first to suggest this technique during the Eight International Symposium on Atmospheric and Ocean and Ocean Optics (2002), we have been the first to develop and apply the

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technique. Now, none of the 3 common co-authors mentioned this work by Chaikovsky et al. (2002) during the writing of our 2 papers, such that if it was not cited is by honest mistake. Again, thanks for this excellent work.

Paul Ginoux. NOAA GFDL

Ganguly, D., P. Ginoux, V. Ramaswamy, O. Dubovik, J. Welton, E. A. Reid, and B. N. Holben (2009a), Inferring the composition and concentration of aerosols by combining AERONET and MPLNET data: Comparison with other measurements and utilization to evaluate GCM output, *J. Geophys. Res.*, 114, D16203, doi:10.1029/2009JD011895.

Ganguly, D., P. Ginoux, V. Ramaswamy, D. M. Winker, B. N. Holben, and S. N. Tripathi (2009b), Retrieving the composition and concentration of aerosols over the Indo-Gangetic basin using CALIOP and AERONET data, *Geophys. Res. Lett.*, 36, L13806, doi:10.1029/2009GL038315.

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