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## **ACPD**

5, S2940-S2941, 2005

Interactive Comment

## Interactive comment on "Processing of soot in an urban environment: case study from the Mexico City Metropolitan Area" by K. S. Johnson et al.

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Addressing the points made by anonymous referee #1 in both his initial comment and elaborated in his subsequent "additional comment" would strengthen the manuscript. The general issue of whether the chemical and physical properties measured for sampled atmospheric particles are characteristic of the particles' ambient state or are significantly perturbed by the sampling and measurement processes is always pertinent, particularly for non-refractory particle components. In preparing their final manuscript the authors should address carefully how definitive they can be about whether coagulated soot/sulfate particles were created in the atmosphere or may have formed in the collection process.

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Interactive Discussion

**Discussion Paper** 

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Interactive comment on Atmos. Chem. Phys. Discuss., 5, 5585, 2005.

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