

## ***Interactive comment on “Vertical profiles of aerosol mass concentrations observed during dust events by unmanned airborne in-situ and remote sensing instruments” by Dimitra Mamali et al.***

### **Anonymous Referee #1**

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The work is of high interest, dealing with technological innovation and closure between different techniques. It is very well described and the use of English is of high level.

Just few minor comment:

Which is the time resolution and air flow used for the AE51?

The sun photometer inversion is valid for AOD equal to 0.1?

S1 Which is the original time resolution of the OPC data?

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Technical details:

p 2 | 3: instrumental -> fundamental

p 8 | 7: define PBL here

Figure S1 why so different panels graphic?

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Interactive comment on Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2017-422, 2018.

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