

## ***Interactive comment on “Real-time pollen monitoring using digital holography” by Eric Sauvageat et al.***

**Anonymous Referee #2**

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This article presents the development and testing of a commercial instrument to characterize pollen aerosol particles with fluorescence and digital holography. The holography aspect is based on previous work by Berg & Videen in 2011 where images of similar free-flowing pollen particles are obtained revealing the particle size and shape. The authors integrates this powerful technique with fluorescence to collect material information from the particles at a later stage of trajectory through the instrument. This is important work as it demonstrates that the earlier proof-of-principle research can be effectively implemented as an instrument. The paper's presentation is of high quality and its impact will be substantial to the field of aerosol science.

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