

# ***Interactive comment on “Optimization of a gas sampling system for measuring eddy-covariance fluxes of H<sub>2</sub>O and CO<sub>2</sub>” by S. Metzger et al.***

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It is a great pleasure that a similar paper from NEON was published at the same time in the same journal (Aubinet et al. AMTD-8-10735-2015). The NEON group obviously knows the research of ICOS (reference to the conference presentation De Ligne et al., 2014). The ICOS group probably did not have information regarding the conference paper by Metzger et al. (2014). Both groups should make a reference to the other article (AMTD or better AMT with support by Copernicus). For the reader it is interesting and important to compare different laboratory and field experiments. There are two similar figures (ICOS Fig. 3 and NEON Fig. 3 and ICOS Fig. 4 and NEON Fig.2). It

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would be great if both groups could communicate with each other and include in their figures a comparison with the findings of the other group, maybe for the Swagelok FW 2 $\mu$ m filter.

For the possible revision of the paper please also follow the discussion of the paper AMTD-8-10735-2015 by Aubinet et al.

The paper should be addressed not only to the NEON community. Please separate in the conclusion what is sensor specific (LI 7200) and what is of a general interest.

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