

# ***Interactive comment on “Methane leak detection and sizing over long distances using dual frequency comb laser spectroscopy and a bootstrap inversion technique” by Caroline B. Alden et al.***

**Caroline B. Alden et al.**

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Dear Reviewer and AMT Editorial Office,

Thank you for your detailed reading of our manuscript and the constructive suggestions you have offered for its improvement. Your review and analysis have been exceedingly helpful. We hope that we have understood and incorporated your critiques, and, in accordance with them, improved the analysis and the presentation of our work.

Please find, in the attached supplement, a detailed response to each of the reviewer suggestions and descriptions of how we improved our study to address concerns. The supplement includes: 1) the response to reviewers, 2) the updated manuscript, and 3) the updated supplemental information section.

The authors are very grateful for your time and energy.

Sincerely,

Dr. Caroline Alden and co-authors

Please also note the supplement to this comment:

<https://www.atmos-meas-tech-discuss.net/amt-2017-262/amt-2017-262-AC1-supplement.pdf>

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Interactive comment on *Atmos. Meas. Tech. Discuss.*, doi:10.5194/amt-2017-262, 2017.

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