

## ***Interactive comment on “Morphology and Raman spectra of aerodynamically-classified soot samples” by Alberto Baldelli and Steven Nicholas Rogak***

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We would like to thank the reviewer for the interest in our publication. We carefully considered the reviewer's comment and we agree with it. Even though we mentioned that some previous studies that encountered a correlation between the morphological and chemical properties of soot aggregate, we agree that these literature references should be cited. Therefore, the following sentence was added at page 2 and line 9: “This correlation has been previously observed in few literature references (Saffaripour et al., 2017, Dastanpour and Rogak, 2014, Alfe' et al. 2009, Mühlbauer et al. 2016). The present work, however, takes a step towards understanding these correlations by

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applying Transmission Electron Microscopy (TEM) and Raman spectroscopy to soot segregated by aerodynamic diameter.”

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