

## ***Interactive comment on “Atmospheric new particle formation characteristics in the Arctic as measured at Mount Zeppelin, Svalbard, from 2016 to 2018” by Haebum Lee et al.***

### **Anonymous Referee #1**

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The authors present beautiful data on NPF in the Arctic. They showed that the NPF events were correlated with DMS production and NH<sub>3</sub> concentration. I agree importance of those chemical components for NPF events in the Arctic region. The paper is well written and it can be accepted after some revisions and discussions. I have a comment on the precursor of the NPF event.

1) Is it possible to add analysis on the correlations between NPF and SO<sub>2</sub> gas concentration (and other possible precursors)?

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Discussion paper

