

***Interactive comment on “Surface charge-induced orientation of interfacial water suppresses heterogeneous ice nucleation on  $\alpha$ -alumina (0001)” by Ahmed Abdelmonem et al.***

**Ahmed Abdelmonem et al.**

ahmed.abdelmonem@kit.edu

Received and published: 19 May 2017

We thank the reviewer for careful reading the manuscript and for the positive comments and suggestions. We have changed the manuscript accordingly. Please find attached a detailed response.

Please also note the supplement to this comment:

<http://www.atmos-chem-phys-discuss.net/acp-2017-224/acp-2017-224-AC1-supplement.pdf>

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Interactive comment on Atmos. Chem. Phys. Discuss., doi:10.5194/acp-2017-224, 2017.