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Dear Editor,

On behalf of my co-authors and myself, I am hereby re-submitting our manuscript, entitled “Modeling of silver transport in cubic SiC: Integrating molecular dynamics, bounds averaging, and uncertainty quantification”, for publication in Physical Review Materials.

To the best of our knowledge, this study is the most comprehensive attempt at holistically describing the mechanisms of silver transport in SiC. We believe our research offers valuable insights into the behavior of SiC and grain boundary transport and adds greatly to the scientific community.

We have addressed all reviewer comments in full in a response document, and accordingly in the manuscript.

Sincerely,

Benjamin Beeler