

Editorial Note: This manuscript has been previously reviewed at another journal that is not operating a transparent peer review scheme. This document only contains reviewer comments and rebuttal letters for versions considered at Nature Communications.

REVIEWERS' COMMENTS:

Reviewer #3 (Remarks to the Author):

I have gone through the revised manuscript and response letter and concluded that the authors have addressed my previous questions. Given that a model system as the one demonstrated in the manuscript is very useful for clarifying a number of fundamental issues in memristive systems, I support the publication of this manuscript in Nature Communications.

We thank again the reviewers for reading and commenting on our manuscript.

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R1: We thank the reviewer for the positive recommendation.