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## Lighting up dark exomoons: observational signatures of tidally induced volcanism in other worlds

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The background is a dark navy blue. In the upper half, there are three stylized orbital systems. One on the left is purple with concentric ellipses and a small circle on an outer orbit. One in the top center is yellow with concentric ellipses and two small circles on different orbits. One on the right is light blue with concentric ellipses and a small circle on an outer orbit. There are also three clusters of four-pointed white stars. In the lower half, there are three stylized volcanoes. The central one is orange with dark blue outlines and is emitting a large plume of white smoke. To its left is a smaller blue volcano, and to its right is a smaller purple volcano, both also emitting white smoke.

# Lighting Up Dark Exomoons

**Observational signatures of tidally induced volcanism in other worlds**

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