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## **Axiverse wormholes**

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Euclidean wormholes provide concrete examples of non-perturbative gravitational effects leading to a violation of global symmetries. In this talk I will present and analyze a new class of wormhole solutions universally realised in a large set of four-dimensional  $\mathcal{N} = 1$  axiverse scenarios, and study their low-energy physical implications.

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