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ON THE COVER

Artist’s rendering of the quantum science satellite Micius, distributing two entangled photons to two locations separated by ~1200 kilometers on Earth. This approach is much more efficient than direct transmission through optical fibers, thus opening up a new avenue for global-scale quantum networks and foundational quantum optics experiments in space. See pages 1110 and 1140.

Illustration: C. Bickel/Science; Satellite model credit: Jian-Wei Pan

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