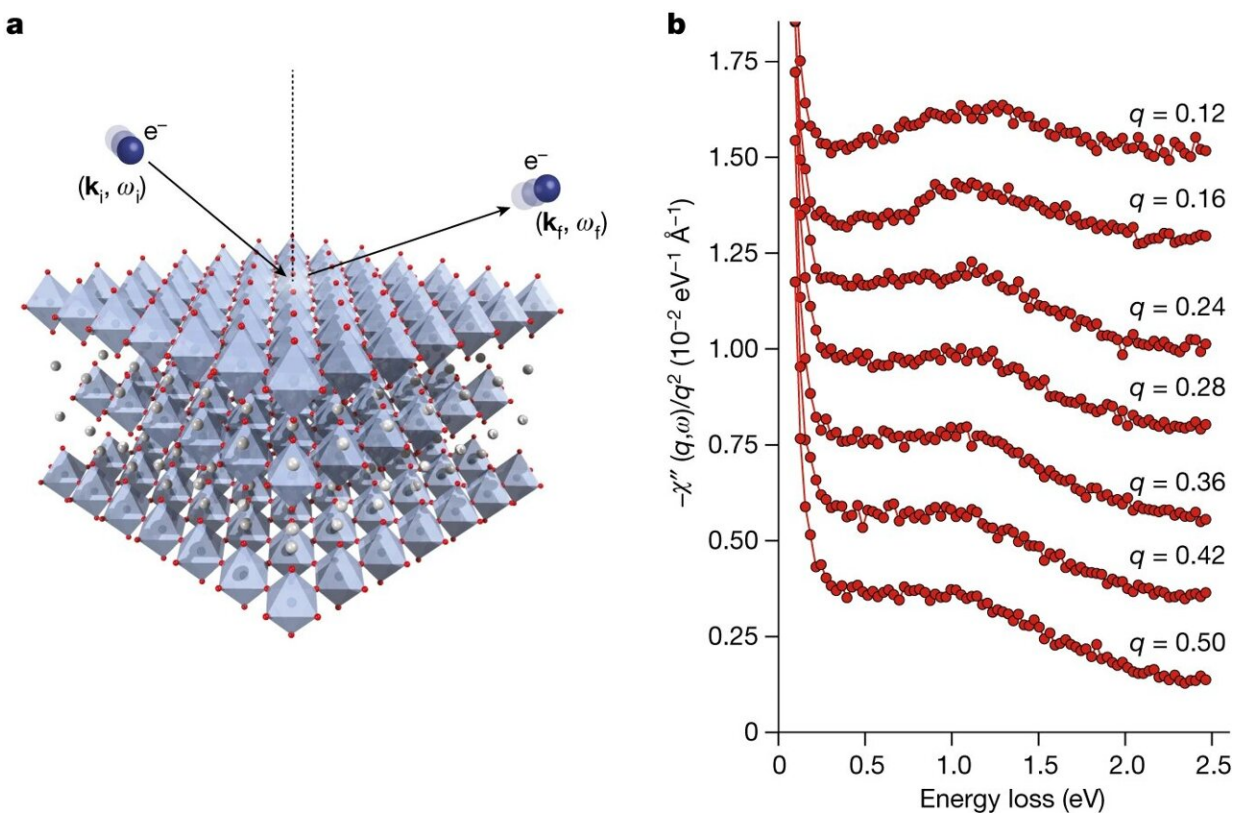


Demon hunting: Physicists confirm 67-year-old prediction of massless, neutral composite particle

August 9 2023, by Michael O'Boyle



High-energy M-EELS spectra from Sr_2RuO_4 . **a**, Conceptual illustration of reflection M-EELS experiments from a cleaved Sr_2RuO_4 surface. **b**, Fixed- q (in r.l.u.) energy-loss scans for a selection of q values along the (1,0) crystallographic direction, taken at $T = 300$ K. These spectra were obtained by dividing the M-EELS matrix elements and scaling the curves as described in ref. ³⁷. At small momenta (q

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