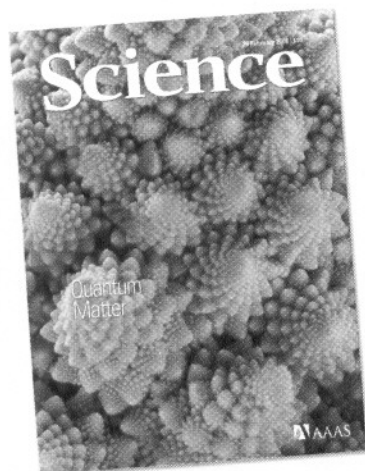




COVER

Like a cauliflower, the quantum critical regime has the same appearance irrespective of viewing distance. Fluctuations prevent a stable phase from developing; instead a patchwork of mixed phases arises. See the special section on quantum matter beginning on page 1201.

Image: Getty Images

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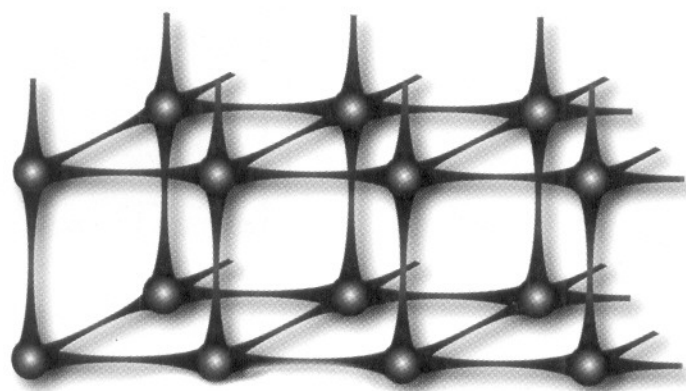
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Covariant Glacial-Interglacial Dust Fluxes in the Equatorial Pacific and Antarctica

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A 500,000-year record shows that more dust, which provides iron and other nutrients, was blown into the equatorial Pacific during glacial periods than during warm periods.

10.1126/science.1150595

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Graphite Whiskers in CV3 Meteorites

M. Fries and A. Steele

Graphite whiskers, a naturally occurring allotrope of carbon, have been found in primitive grains in several meteorites and may explain spectral features of supernovae.

10.1126/science.1153578

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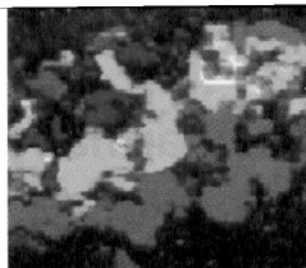
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10.1126/science.1154584

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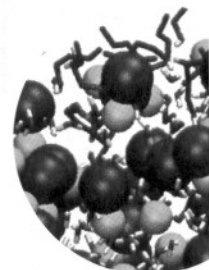
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