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Chondrule (850 μm in diameter) from the unmetamorphosed Chainpur meteorite, containing excess 26Mg from decay of 26Al 4.6 billion years ago. Initial abundance of 26Al is one-fifth of that in Ca-Al inclusions, the oldest solids formed in the solar system, implying that chondrules formed—and the solar nebula lasted—for more than 2 million years. The chondrule includes glass (dark magenta), brightly colored olivine and dendritic pyroxene, and blocky spinel (light magenta). See page 757. [Transmitted polarized light (plus gypsum plate) photo: G. J. MacPherson]

**RESEARCH ARTICLE**

Evidence for Widespread 26Al in the Solar Nebula and Constraints for Nebula Time Scales

S. T. Russell, G. Srinivasan, G. R. Huss, G. J. Wasserburg, G. J. MacPherson

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A Statistical Model of the Fluctuations in the Geomagnetic Field from Paleosecular Variation to Reversal

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Absorption of Solar Energy in the Atmosphere: Discrepancy Between Model and Observations

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Subnanometer-Diameter Wires Isolated in a Polymer Matrix by Fast Polymerization


Visualization of Slow Axonal Transport in Vivo

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Activation of Pyk2 by Stress Signals and Coupling with JNK Signaling Pathway

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Cooperative DNA Binding and Sequence-Selective Recognition Conferred by the STAT Amino-Terminat Domain

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Diffusional Mobility of Golgi Proteins in Membranes of Living Cells


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Genome Sequence of a Human Tumorigenic Poxvirus: Prediction of Specific Host Response–Evasion Genes

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**On the Web**

**Breaking News:** Possible Life on Mars?

A special electronic preprint of the McKay et al. paper is available at http://www.sciencemag.org/