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The lower hemisphere of a fast-spinning Earth shown 2 hours after a giant impact. Colors denote the silicate mantles and iron cores of Earth and the impactor. The debris evolves into a Moon-forming disk composed primarily of material from Earth’s mantle, explaining the isotopic similarity between Earth and the Moon. In this model, the fast-spinning Earth is slowed by an orbital resonance between the Moon and the Sun. See pages 1040, 1047, and 1052.
Image: Sarah T. Stewart

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https://scim.ag/Katydids_Ears

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Phase Transformations and Metallization of Magnesium Oxide at High Pressure and Temperature

R. S. McWilliams et al.

10.1126/science.1229450

ST NETWATCH: The Nobel Prize in Chemistry 2012

The Nobel Prize Committee honors work on the structure and function of G protein–coupled receptors.

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