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ON THE COVER

Ultraviolet view of a coronal mass ejection on the Sun on 9 May 2014. Images from the Interface Region Imaging Spectrograph (IRIS) (inset) and from the Solar Dynamics Observatory's Atmospheric Imaging Assembly (background) show the violent eruption of hot plasma into space. NASA launched IRIS in June 2013 to study the complex interface between the Sun's surface and outer atmosphere. See pages 305 and 315 and sciencemag.org/special/iris. Images: IRIS and SDO/AIA, Lockheed Martin Solar & Astrophysics Laboratory, NASA/Goddard Space Flight Center