NEWS & COMMENT

GOP Plans Would Reshuffle Science 964

As O’Leary Struggles to Preserve Energy Department 965

Bill Threatens Child Survey Research 967

Can Risky Mergers Save Hospital-Based Research? 968

Japan Agrees to Help Build the LHC 969

Wetlands Reform Bill Is All Wet, Say Scientists 970

RESEARCH NEWS

Helping Neurons Find Their Way 971

Chimpanzee Outbreak Heats Up Search for Ebola Origin 974

COBE Seeks Universe’s First Blush 975

Infrared Detector Scopes Out the Neighborhood 976

Have 25-Million-Year-Old Bacteria Returned to Life? 977

POLICY FORUMS

On-Road Vehicle Emissions: Regulations, Costs, and Benefits 991

S. P. Beaton, G. A. Bishop, Y. Zhang, L. L. Ashbaugh, D. R. Lawson, D. H. Stedman

Environmental Implications of Electric Cars
L. B. Lave, C. T. Hendrickson, F. C. McMichael

PERSPECTIVE

At Last—the Crystal Structure of Urease 996

S. J. Lippard

RESEARCH ARTICLE

The Crystal Structure of Urease from Klebsiella aerogenes 998

E. Jabri, M. B. Carr, R. P. Hausinger, P. A. Karplus

REPORTS

ULYSSES

Ulysses Above the Sun’s South Pole: 1005

An Introduction
E. J. Smith, R. G. Marsden, D. E. Page

The Heliospheric Magnetic Field Over the Southern Solar Region of the Sun: 1007

A. Balogh, E. J. Smith, B. T. Tsurutani, D. J. Southwood, R. J. Forsyth, T. S. Horbury

Over the Southern Solar Pole: 1010

Low-Energy Interplanetary Charged Particles
The Ulysses spacecraft superimposed on a soft x-ray image of the sun. The dark regions on the sun and the gaps in the sun's corona above the poles are coronal holes. The focus of the Ulysses mission is to explore the polar regions of the heliosphere. See the Reports in a special section beginning on page 1005 for results from Ulysses's pass over the sun's south pole. [Images: Courtesy of the European Space Agency]