NEWS

Physicists Create New State of Matter

Plasma Physics: Go Back to Basics, Says
NRC Panel

More Than One Way to Fuse a Plasma

Hughes Tosses Lifeline to 90 Eastern
European Scientists

Space Science: House Panel Targets
Centers, Cassini

Imanishi-Kari Case: Baltimore Defends
Paper at Center of Misconduct Case

Heavy Weather Ahead for Clinical Research

New Faculty May Lose Family Tuition Help

Marine Center Is Lightning Rod in Dispute
Over Restoration

Taking the Pulse of the Sun in Records of the
Solar Wind

How the T_{1/2} Response Is Marshaled

SPECIAL NEWS REPORT

Epidemiology Faces Its Limits

Sizing Up the Cancer Risks

Press Coverage: Leaving Out the Big Picture

PERSPECTIVES

An Intimate Gathering of Bosons

K. Burnett

Methyl Chloroform and the Atmosphere

A. R. Ravishankara and D. L. Albritton

CD1: Presenting Unusual Antigens to
Unusual T Lymphocytes

A. Bendelac

ARTICLE

Atmospheric Trends and Lifetime of
CH_{3}CCl_{3}, and Global OH Concentrations
R. G. Prinn, R. F. Weiss, B. R. Miller, J. Huang,
F. N. Alyea, D. M. Cunnold, P. J. Fraser, D. E.
Hartley, P. G. Simmonds

RESEARCH ARTICLE

Protein Folding Intermediates: Native-State
Hydrogen Exchange

Y. Bai, T. R.osnicky, L. Mayne, S. W. Engander

REPORTS

Observation of Bose-Einstein
Condensation in a Dilute Atomic Vapor
M. H. Anderson, J. R. Ensher, M. R. Matthews,
C. E. Wieman, E. A. Cornell

DEPARTMENTS

THIS WEEK IN SCIENCE 141
EDITORIAL 143
The Politics of Science
J. H. Gibbons
LETTERS 145
Succeeding Generations: C. T. Hill; J. Maddox; M.
Heylin; E. Rubinstein; S. Mitton; Science and Political
Reality; R. S. Walker; China's "Missing" Girls: T. O.
Cheng; S. Tulpakur; New Light on Free Electron Lasers:
A. Gover, W. van Amersfoort, W. B. Colson,
False-color image of the velocity distribution in a cloud of rubidium atoms that have formed a Bose-Einstein condensate. Color indicates the density of atoms having the velocity specified by the two horizontal axes. The high-density blue and white spire is an image of low-energy atoms that have condensed into a single quantum state. The average speed of the atoms in the spire is about 0.5 millimeter per second. See page 198 and the related News story on page 152 and the Perspective on page 182. [Image: M. R. Matthews]