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By Steven Weinberg
Experiments at CERN and elsewhere should let us complete the Standard Model of particle physics, but a unified theory of all forces will probably require radically new ideas.

The Theory Formerly Known as Strings
By Michael J. Duff
The Theory of Everything is emerging as one in which not only strings but also membranes and black holes play a role.

Black Holes and the Information Paradox
By Leonard Susskind
What happens to the information in matter destroyed by a black hole? Searching for that answer, physicists are groping toward a quantum theory of gravity.

Simple Rules for a Complex Quantum World
By Michael A. Nielsen
An exciting new fundamental discipline of research combines information science and quantum mechanics.

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By Anton Zeilinger
The science-fiction dream of “beaming” objects from place to place is now a reality—at least for particles of light.

Frozen Light
By Lene Vestergaard Hau
Slowing a beam of light to a halt may pave the way for new optical communications technology, tabletop black holes and quantum computers.
extreme experiments

52 The Large Hadron Collider
By Chris Llewellyn Smith
The Large Hadron Collider, a global collaboration to uncover an exotic new layer of reality, will be a particle accelerator of unprecedented energy and complexity.

60 The Asymmetry between Matter and Antimatter
By Helen R. Quinn and Michael S. Witherell
New accelerators will search for violations in a fundamental symmetry of nature, throwing open a window to physics beyond the known.

68 Detecting Massive Neutrinos
By Edward Kearns, Takaaki Kajita and Yoji Totsuka
A giant detector in the heart of Mount Ikenoyama in Japan has demonstrated that neutrinos metamorphose in flight, strongly suggesting that these ghostly particles have mass.

76 Extreme Light
By Gérard A. Mourou and Donald Umstadter
Focusing light with the power of 1,000 Hoover Dams onto a point the size of a cell nucleus accelerates electrons to the speed of light in a femtosecond.

exoticspaces

84 Negative Energy, Wormholes and Warp Drive
By Lawrence H. Ford and Thomas A. Roman
The construction of wormholes and warp drive would require a very unusual form of energy. But the same laws of physics that allow this “negative energy” also appear to limit its behavior.

92 Nanophysics: Plenty of Room, Indeed
By Michael Roukes
There is plenty of room for practical innovation at the nanoscale. But first, scientists have to understand the unique physics that governs matter there.

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