



NUCLEAR Taj Mahal

also:

- Graphene gives protons a pass ◀
- Filming at the speed of light ◀
- A test for nuclear test inspectors ◀

physicstoday

Volume 68, Issue 2, February 2015

ARTICLES

Energetics and forces in living cells

Alexander R. Dunn and Andrew Price

Phys. Today **68**, 2, 27 (2015)

Turning nuclear waste into glass

Ian L. Pegg

Phys. Today **68**, 2, 33 (2015)

Pakistan's nuclear Taj Mahal

Stuart W. Leslie

Phys. Today **68**, 2, 40 (2015)

READERS' FORUM

Arms reduction and alternate Cold War histories

Robert E. Levine

Phys. Today **68**, 2, 8 (2015)

Discovering the ozone hole

Thomas J. Kleespies

Phys. Today **68**, 2, 8 (2015)

Thoughts on the proposed SI units

Carl Ross

Phys. Today **68**, 2, 8 (2015)

Coleman project seeks readers' contributions

Aaron Sidney Wright and Diana Coleman

Phys. Today **68**, 2, 10 (2015)

The truth in pictures

Peter G. Mattocks

Phys. Today **68**, 2, 10 (2015)

SEARCH AND DISCOVERY

Two-dimensional materials let protons pass

Johanna L. Miller

Phys. Today **68**, 2, 11 (2015)

An ultrafast camera films light at light speed

Ashley G. Smart

Phys. Today **68**, 2, 12 (2015)

The heat is on in concentrated emulsions

Johanna L. Miller

Phys. Today **68**, 2, 15 (2015)

Physics Update

Rosetta's comet is rich in deuterium

R. Mark Wilson

Phys. Today **68**, 2, 16 (2015)

Quantum security for your credit card

Richard J. Fitzgerald

Phys. Today **68**, 2, 16 (2015)

Cytoskeleton rheology

Stephen G. Benka

Phys. Today **68**, 2, 17 (2015)

A geometrically determined distance to a far-off black hole

Steven K. Blau

Phys. Today **68**, 2, 17 (2015)

Methane emission from abandoned wells

Charles Day

Phys. Today **68**, 2, 17 (2015)

ISSUES AND EVENTS

The search for an underground nuclear test

David Kramer

Phys. Today **68**, 2, 18 (2015)

US nuclear scientists hash out priorities for their field

Toni Feder

Phys. Today **68**, 2, 20 (2015)

Rare isotopes will be used to probe mysteries, yield applications

Toni Feder

Phys. Today **68**, 2, 23 (2015)

Taking the next steps in fusion ignition quest

David Kramer
Phys. Today **68**, 2, 24 (2015)

ISSUES AND EVENTS

Federal funding for physics winds up flat for fiscal year 2015

David Kramer
Phys. Today **68**, 2, 25 (2015)

News notes

Lick's fortunes look up

Toni Feder
Phys. Today **68**, 2, 26 (2015)

BOOKS

Worlds Without End: The Many Lives of the Multiverse; God and the Multiverse: Humanity's Expanding View of the Cosmos

Don Page
Phys. Today **68**, 2, 48 (2015)

The Island of Knowledge: The Limits of Science and the Search for Meaning

Joel Primack
Phys. Today **68**, 2, 49 (2015)

From Dust to Life: The Origin and Evolution of Our Solar System

Larry W. Esposito
Phys. Today **68**, 2, 50 (2015)

The Quantum Moment: How Planck, Bohr, Einstein, and Heisenberg Taught Us to Love Uncertainty

Thiago Hartz
Phys. Today **68**, 2, 50 (2015)

New books

Phys. Today **68**, 2, 51 (2015)

NEW PRODUCTS

Focus on photonics, biomedical optics, and microscopy

Andreas Mandelis
Phys. Today **68**, 2, 54 (2015)

OBITUARIES

Manuel Cardona Castro

Jack Rowe, Dave Aspnes, Aron Pinczuk and Peter Y. Yu
Phys. Today **68**, 2, 58 (2015)

Martin Goldstein

Gyan Johari and C. Austen Angell
Phys. Today **68**, 2, 58 (2015)

QUICK STUDY

The oceans' accumulating plastic garbage

Erik van Sebille
Phys. Today **68**, 2, 60 (2015)

BACK SCATTER

Celebrating light-based science

Richard J. Fitzgerald
Phys. Today **68**, 2, 68 (2015)