

The bright side of black holes



Jenny Greene, an associate professor of astrophysical sciences, studies the relationship between galaxies and black holes, objects so dense that not even light can escape their gravitational pull.

Particle discovered after 85-year search



An international team led by Princeton University scientists has discovered Weyl fermions, elusive massless particles theorized 85 years ago that could give rise to faster and more efficient electronics because of their unusual ability to behave as matter and antimatter inside a crystal.

New chemistry makes strong bonds weak



Researchers have developed a new chemical reaction that breaks the strongest bond in a molecule instead of the weakest, completely reversing the norm for reactions in which bonds are evenly split to form reactive intermediates. (From our research blog, *Princeton Journal Watch*.)

Five charts that demystify the Chinese housing market



While the Chinese housing market is unlikely to cause a big slowdown in the nation's economy, it could amplify such a slowdown as falling prices affect borrowers, builders and local governments, according to researchers at Princeton University, the University of Pennsylvania and Peking University.

After extreme drought, forests take years to rebuild CO2 storage capacity

An analysis of drought impacts at forest sites worldwide found that living trees took an average of two to four years to resume normal growth rates — and thus carbon-dioxide

Events

Free and open to the public

Summer Film: American Graffiti (1973) Thursday, Aug. 9: **Picnic on the lawn** at 6:00 p.m. followed by film screening at 8:30 p.m. This outdoor screening is part of a film series that explores the American experience. *Brown/Dod Quad, Princeton University*

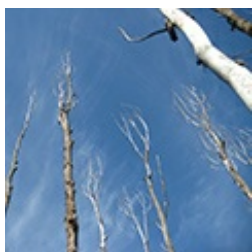
Art Museum Highlights Tours Saturdays and Sundays through August from 2:00 p.m. to 3:00 p.m. Discover the Art Museum's premier collections spanning antiquity to contemporary in a Highlights Tour, offered free of charge. *Tours meet at the entrance to the Princeton University Art Museum.*

Research at Princeton is a monthly newsletter publicizing discoveries made by University faculty, research staff and students. It is produced by the Office of the Dean for Research.

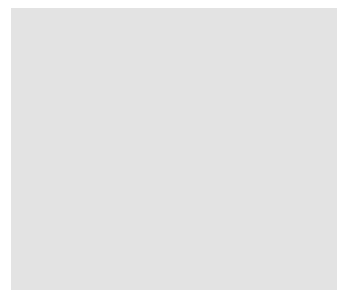
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absorption — after a drought ended, according to a Princeton-based study. (From our research blog, *Princeton Journal Watch*.)



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