

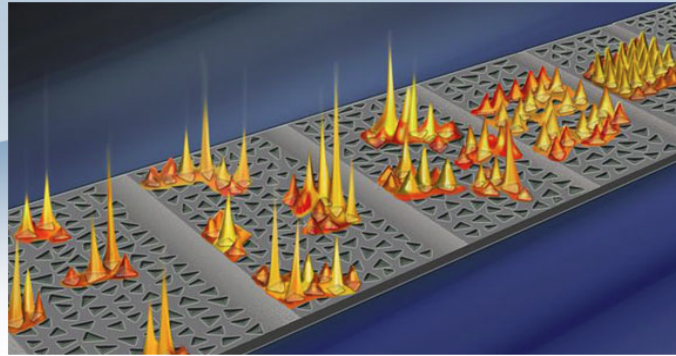


Team Led by UCLA and Columbia Engineers Uses Disorder to Control Light on a Nanoscale

Findings could lead to more precise information transfer in computer chips and other applications.

[Read More](#)

1 of 3



Featured Articles

RSS | [View All](#)



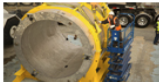
Office of Science Salutes New APS Fellows

Thirty-two researchers from DOE national labs are elected as American Physical Society Fellows. [Read More](#)



Self-Assembled Nanotextures Create Antireflective Surface on Silicon Solar Cells

Nanostructured surface textures—with shapes inspired by the structure of moths' eyes—prevent the reflection of light off silicon, improving conversion of sunlight to electricity. [Read More](#)



20-Ton Magnet Heads to New York

A superconducting magnet begins its journey from SLAC laboratory in California to Brookhaven Lab in New York. [Read More](#)

University Research

RSS | [View All](#)



UT Arlington Awarded Department of Energy Grant to Develop Sensor System for Real-Time Evaluation of Boilers

A University of Texas at Arlington engineering professor is developing a distributed wireless antenna sensor system to monitor conditions of coal-fired boilers that will lead to making the units safer, more efficient and eventually producing better designed units. [Read More](#)



New Method Allows for Greater Variation in Band Gap Tunability

Northwestern University researchers discovered a novel way to control the electronic band gap in complex oxide materials without changing the material's overall composition. [Read More](#)



Evidence Mounts for Quantum Criticality Theory

A new study by a team of physicists at Rice University bolsters theory that quantum fluctuations drive strange electronic phenomena. [Read More](#)

Science Headlines

RSS | [View All](#)

Office of Science FY 2016 Budget Request: Advanced Scientific Computing Research (ASCR)

02.03.15 The Advanced Scientific Computing Research (ASCR) program seeks to expand our computational and networking capabilities in order to extend the frontiers of science and technology.

5 Ways to Put Tiny Targets in Front of an X-ray Laser

02.03.15 Scientists at the SLAC National Accelerator Laboratory have assembled an exotic toolbox for experiments that tap into the brightest X-Rays on the planet. [Read More](#)

Cosmic Inflation Remains Undiscovered

02.02.15 A previous study claiming the discovery of gravitational waves as cosmic inflation's fingerprint has most likely been over-interpreted, scientists found in a joint analysis between the Planck and BICEP2 experiments. [Read More](#)

OFFICE OF SCIENCE

U.S. Department of Energy
1000 Independence Ave., SW
Washington, DC 20585
(202) 586-5430



ABOUT ENERGY.GOV

Phonebook
Web Policies
Privacy
No Fear Act
Whistleblower Protection
Information Quality
Open Gov
Accessibility

ENERGY DEPARTMENT

Careers & Internships
Budget & Performance
Directives, Delegations & Requirements
FOIA
Inspector General
Privacy Program
Small Business

FEDERAL GOVERNMENT

The White House
USA.gov