

National Science Foundation (NSF.gov) Discoveries Articles

[Metallic Shape-memory Foam](#)

[Ultracold Polar Molecules](#)

[Collision Physics](#)

[Pore-Free Ceramics](#)

(picked up by [US NEWS](#))

[Carbon Nanotubes Measuring Excitons](#)

[Excited Atoms](#) (Quantum computing)

[Squeezing Noise](#)

(picked up by [Red Orbit](#))

[Improved Li-ion battery technology](#)

[High Temp Superconductivity and the Pseudogap](#)

Press Release: [Two-qubit Processor for Quantum Algorithms](#)

Press Release: [“Wedding Cake” Structure shows Quantum Phase Transitions](#)

Special Reports: [Green Revolution—Solar video](#), Smart Grid video

[Exotic Discovery Made in Soft Polymer](#)

[Kondo Effect \(Lifting the curtain on the mysterious hidden order\)](#)

[Resonator Backaction \(Measuring the Intersection of Two Worlds\)](#)

(picked up by [Red Orbit](#) and [Physorg.com](#) and [Softpedia.org](#))

[Asymmetric Electron Behavior Discovered in High-temperature Superconductors](#)

[Gigantic Gravity "Lenses" Magnify Galaxies Far, Far Away](#)

[The Water Dance](#)

[Future Fuels for Everyone Powered by the Sun](#) (solar fuel from water)

[Miracle Material](#) (Graphene)