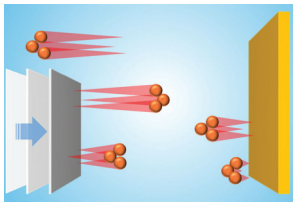

Controllable, 100-μm-sized, tabletop Fermi accelerator in which ultracold atoms are accelerated by moving barriers: One of the walls moving toward the opposite wall causes bouncing atoms to gain energy. Selected for a Focus in *Physics Magazine* and for an Editors' Suggestion. [G. Barontini *et al.*, Phys. Rev. Lett. **135**, 025201 (2025)]

NEWSPAPER

PHYSICAL REVIEW LETTERS

Contents

Articles published 3 July–11 July 2025

VOLUME 135, NUMBER 2 11 July 2025

Quantum Information, Science, and Technology

Cosmology, Astrophysics, and Gravitation

(Continued Inside)

This paper was highlighted in the APS publication *Physics* (physics.aps.org).
By suggesting a few manuscripts each week, we hope to promote reading across fields. Please see our Announcement Phys. Rev. Lett. 98, 010001 (2007).

0031-9007(20250711)135:2;1-4

Particles and Fields

Nuclear Physics

Atomic, Molecular, and Optical Physics

(Continued on Preceding Page)

This paper was highlighted in the APS publication *Physics* (physics.aps.org).
By suggesting a few manuscripts each week, we hope to promote reading across fields. Please see our Announcement Phys. Rev. Lett. 98, 010001 (2007)

Physics of Fluids, Earth & Planetary Science, and Climate

Plasma and Solar Physics, Accelerators and Beams

Condensed Matter and Materials

(Continued on Preceding Page)

This paper was highlighted in the APS publication *Physics* (physics.aps.org).
By suggesting a few manuscripts each week, we hope to promote reading across fields. Please see our Announcement Phys. Rev. Lett. 98, 010001 (2007)

Statistical Physics; Classical, Nonlinear, and Complex Systems

Polymers, Chemical Physics, Soft Matter, and Biological Physics

This paper was highlighted in the APS publication *Physics* (physics.aps.org).
By suggesting a few manuscripts each week, we hope to promote reading across fields. Please see our Announcement Phys. Rev. Lett. 98, 010001 (2007).