# Introduction

The *Physical Review* journals, published by APS, offer high-quality research and review journals to advance and diffuse the knowledge of physics.

## Physical Review Letters

**journals.aps.org/prl**

*Physical Review Letters* (PRL) is the world's premier physics letter journal and the American Physical Society's flagship publication. Since 1958 it has contributed to APS's mission to advance and diffuse the knowledge of physics by publishing seminal research by Nobel Prize-winning and other distinguished researchers in all fields of physics.

## Physical Review X

**journals.aps.org/prx**

*Physical Review X* (PRX) is an online-only, fully open-access journal that places a high value on innovation, quality, and long-term impact in the science it publishes. PRX is highly selective. It seeks to publish papers from all areas of pure, applied, and interdisciplinary physics that have the potential for a long-lasting and profound impact in their relevant fields. PRX provides high visibility and broad dissemination to its papers.

## Reviews of Modern Physics

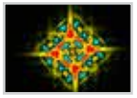
**journals.aps.org/rmp**

*Reviews of Modern Physics* (RMP) is the world's premier physics review journal and the most highly cited *Physical Review* publication. Written by leading international researchers, RMP's in-depth essays provide outstanding coverage of a topic and give context and background for current research trends.

## Physical Review A

covering atomic, molecular, and optical physics and quantum information

**journals.aps.org/pra**

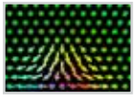


*Physical Review A* (PRA) publishes important developments in the rapidly evolving area of atomic, molecular, and optical (AMO) physics, quantum information, and related fundamental concepts.

## Physical Review B

covering condensed matter and materials physics

**journals.aps.org/prb**



*Physical Review B* (PRB) is the world's largest dedicated physics journal, publishing approximately 100 new, high-quality papers each week. The most highly cited journal in condensed matter physics, PRB provides outstanding depth and breadth of coverage, combined with unrivaled context and background for ongoing research by scientists worldwide.

## Physical Review C

covering nuclear physics

**journals.aps.org/prc**

*Physical Review C* (PRC) is a leading journal in theoretical and experimental nuclear physics, publishing more than 75% of the research literature in the field.

## Physical Review D

covering particles, fields, gravitation, and cosmology

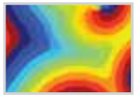
**journals.aps.org/prd**

*Physical Review D* (PRD) is a leading journal in elementary particle physics, field theory, gravitation, and cosmology and is one of the top-cited journals in high-energy physics.

## Physical Review E

covering statistical, nonlinear, biological, and soft matter physics

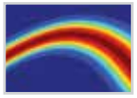
**journals.aps.org/pre**



*Physical Review E* (PRE) is a broad and interdisciplinary journal focusing on collective phenomena of many-body systems. As the premier journal in the interrelated areas of statistical, nonlinear, biological, and soft matter physics, PRE covers recent developments in complex fluids, polymers, liquid crystals, and granular materials. The journal also includes sections on solid mechanics, fluid dynamics, plasma physics, computational physics, networks, and complex systems.

## Physical Review Accelerators and Beams

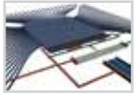
**journals.aps.org/prab**



*Physical Review Accelerators and Beams* (PRAB) covers the full spectrum of accelerator science, technology, and applications, including subsystems, component technologies, beam dynamics, and the design, operation, and improvement of scientific and industrial accelerators of all types.

## Physical Review Applied

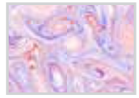
**journals.aps.org/prapplied**



*Physical Review Applied* (PRApplied) publishes high-quality papers that bridge the gap between engineering and physics, and between current and future technologies. PRApplied welcomes papers from both the engineering and physics communities, in academia and industry.

## Physical Review Fluids

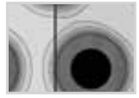
**journals.aps.org/prfluids**



*Physical Review Fluids* (PRFluids) is dedicated to publishing innovative research that will significantly advance the fundamental understanding of fluid dynamics. PRFluids embraces both traditional fluid dynamics topics and newer areas.

## Physical Review Materials

**journals.aps.org/prmaterials**



*Physical Review Materials* (PRMaterials) is a broad-scope journal publishing high-quality, multidisciplinary research on materials. The journal serves the interdisciplinary community working on the prediction, synthesis, processing, structure, properties, and modeling of a wide range of materials.

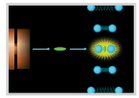
## Physical Review Physics Education Research

**journals.aps.org/prper**

*Physical Review Physics Education Research* (PRPER) covers the full array of experimental and theoretical research relating to the teaching and learning of physics and astronomy. PRPER is the only fully open-access journal for physics education research.

## Physics

**physics.aps.org**



*Physics* provides daily online-only news and commentary about a selection of papers from the *Physical Review* journals. The website is aimed at the reader who wants to keep up with highlights of physics research with explanations that don't rely on jargon and technical detail.