



American Institute of Physics... Delivering a complete range of programs and services to the scientific community

AIP has developed a broad range of resources in support of students, researchers, publishers, media outlets, and the public at large. These programs serve each of AIP's constituent groups at every point at which their interests intersect the physics community. We reach out to every corner of the globe to promote physics and its allied fields, and we are deeply involved in every aspect related to the publication and distribution of some of the world's most highly cited scientific and technical journals. Even those familiar with AIP might be surprised at the extensive list of programs and services we deliver, so we invite you to look over this page to see at a glance everything that AIP has to offer.

Outreach Products and Services

ADVOCACY

Discoveries and Breakthroughs Inside Science discoveriesandbreakthroughs.org

Discoveries and Breakthroughs provides accurate, scientifically reviewed 90-second reports for local TV newscasts on the latest science, engineering, math, and technology news.

Inside Science News Service insidescience.org

Inside Science provides stories and expert contacts to reporters who don't usually cover science. Stories are drawn from today's headlines and from current research.

Physics Success Stories aip.org/success

Success Stories highlights the important links between federal funding for basic and applied research and development and the economic benefits of this funding to society.

Science Fellowship Program aip.org/gov/fellowships

In response to a need for dialogue between the science community and the federal government, this program sponsors scientists who come to Washington for a year to provide their expertise to governmental agencies.

EDUCATION

Gradschoolshopper.com gradschoolshopper.com

This online directory provides both a graduate recruitment forum for graduate schools and a one-stop graduate-school shopping place for students.

Sigma Pi Sigma sigmapisigma.org

Sigma Pi Sigma honors outstanding scholarship in physics, encourages interest in the field, and promotes an attitude of service of its 42,000 members towards the entire physics community and the public. Publication: *Radiations*

Society of Physics Students spsnational.org

SPS is a community for physics undergraduates and their mentors, with more than 4,000 members and 700 chapters nationwide. Publication: *The Observer*

Statistical Research Center aip.org/statistics

The center disseminates data on education and employment in physics and related fields, including enrollment figures, degrees attained, demographic profiles of faculty, and reports on issues such as the representation of women and minorities.

HISTORY

Emilio Segrè Visual Archives photos.aip.org

View a collection of more than 30,000 historical photographs, slides, lithographs, engravings, and other visual materials, focusing on physicists and astronomers of the 20th century.

Niels Bohr Library aip.org/history/nbl

Explore a matchless collection of printed works of historical importance, including monographs, textbooks, laboratory manuals, instrument catalogs, and published correspondence—14,000 titles in all.

Online History Exhibits aip.org/history/exhibits.html

Discover Web sites on critical issues and luminary figures—both current and past—including Marie Curie, Albert Einstein, global warming, and the history of cosmology.

NETWORKING

Industrial Physics Forum aip.org/ca/meeting.html

The IPF fosters communication between industry executives, research managers, academics, and science policy decision makers, allowing them to stay current on issues affecting the physics community.

Physics Today Career Network careers.physicstoday.org

For those looking to hire or be hired, visit the *Physics Today Career Network* to find more than 3,000 jobs in industry, academia, and government, and more than 5,000 resumes of highly trained job seekers holding physics degrees from B.S. to Ph.D.

PUBLICATIONS

FYI—The AIP Bulletin of Science Policy News aip.org/fyi

FYI summarizes science policy developments in Washington affecting the physics and astronomy community. Summaries are issued two or more times every week.

History of Physics Newsletter

aip.org/history/newsletter/archive.html

This AIP newsletter reports on work in the history of physics and allied fields at AIP and elsewhere. It includes lists of recent publications in the history of modern physics and reports on papers in archives worldwide.

Physics Today physicstoday.org

AIP's flagship publication delivers original articles and timely news on groundbreaking research in physics and related sciences.

AIP's prestigious core journals (journals.aip.org) – many of which are among the most highly cited in their field – form the core of physics literature in libraries worldwide. With their high technical and editorial standards, these publications attract the most vital and current research papers from the world's leading authorities in fields ranging from chemistry, mathematics, fluid dynamics, and more.

Applied Physics Letters apl.aip.org

APL offers prompt publication of brief reports on the latest breakthroughs in the physics underlying high-tech industries such as semiconductors, superconductors, solid-state lasers, magnetism, and biomedicine.

Biomicrofluidics bmf.aip.org

Biomicrofluidics is an open-access journal that rapidly disseminates novel microfluidic techniques with diagnostic, medical, biological, pharmaceutical, environmental, and chemical applications.

Chaos chaos.aip.org

Chaos presents both contributed articles and entire Focus Issues on specific key research areas in nonlinear science, such as cardiac fibrillation, granular flow, and control of chaos systems.

Journal of Applied Physics jap.aip.org

JAP publishes research significantly impacting all areas of technology, particularly electronics, materials, and optics.

The Journal of Chemical Physics jcp.aip.org

JCP offers innovative research in traditional areas of chemical physics, as well as in newer areas such as polymers, materials, surfaces/interfaces, information theory, and biochemistry.

Journal of Mathematical Physics jmp.aip.org

JMP delivers a high-quality mix of research ranging from quantum physics and particles and fields to classical mechanics, relativity, gravitation and much more.

Journal of Physical and Chemical Reference Data jpcrd.aip.org

JPCRD provides physical and chemical property data, reviews of measurement techniques, and reports of new estimation or prediction techniques.

Journal of Renewable and Sustainable Energy jrse.aip.org

JRSE is an online, peer-reviewed journal with rapid publication time. *JRSE* is cross-disciplinary and draws from researchers worldwide in a diverse range of fields.

Low Temperature Physics ltp.aip.org

LTP communicates the results of important studies at very low temperatures, covering areas such as superconductivity, magnetism, quantum liquids, and low-dimensional systems.

Physics of Fluids pof.aip.org

PoF publishes original theoretical, computational, and experimental contributions to the dynamics of gases, liquids, and complex or multiphase fluids.

Physics of Plasmas pop.aip.org

PoP focuses on fundamental aspects of plasma physics, as well as applications to fusion energy, semiconductor processing, astrophysical systems, and related areas.

Review of Scientific Instruments rsi.aip.org

RSI presents the latest innovations in instruments, apparatus, and techniques relevant to a wide spectrum of research in the physical and life sciences.

As a publisher of scholarly journals, AIP has a unique understanding of the needs of society publishers—to fully serve your community while at the same time delivering the revenue-producing products that will support your organization.

As a partner, we bring to the table the innovative solutions you need to add real value to your publications. Our in-depth knowledge of the STM community, coupled with our years of publishing experience, leading-edge products, and best-of-breed technology platform, position AIP Publishing to ensure that you successfully achieve the goals of your publishing program.

As a pioneer, AIP drives innovation through our continuing investment in emerging technologies and R&D. This has resulted in the recent launches of iResearch, our new iPhone app, mobile access to journal content, and many more initiatives made possible through the advanced functionality of our Scitation hosting platform.

Please feel free to get in touch with us to see how we can keep your publishing program moving forward.

UniPHY Professional and Social Networking

Our most recent innovation is UniPHY (www.uniphy.org), a first-of-its-kind networking platform for physical scientists that is pre-populated with more than 300,000 profiles of individual scientists based on their publication history. A researcher can discover the work each of these scientists has conducted and follow a web of connections showing each co-author with whom the investigator has worked. UniPHY also reveals with whom each of these co-authors has collaborated. As an AIP Publishing Partner, you can harness the power of this technology with your own branded professional networking site.

AIP Conference Proceedings proceedings.aip.org

Proceedings volumes report findings presented at many of the most important scientific meetings around the world. Published proceedings are valuable as topical status reports providing quick access to information before it appears in the traditional journal literature.