



# AIP Provides a Complete Range of Products and Services to the Scientific Community

The **American Institute of Physics (AIP)** is a non-profit corporation chartered in 1931 to advance and diffuse the knowledge of physics and its application to human welfare. An umbrella organization for 10 Member Societies, AIP represents more than 134,000 scientists, engineers and educators and is one of the world's largest publishers of physics journals. AIP is also home to the Society of Physics Students, Sigma Pi Sigma, and Corporate Associates, and serves 23 Affiliated Societies. In addition, AIP provides publishing services to more than 25 scientific and professional societies and is a pioneer and leader in electronic publishing.

## Outreach Products and Services

### **Physics Today** [physicstoday.org](http://physicstoday.org)

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

### **Inside Science News Service** [insidescience.org](http://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.

### **Discoveries and Breakthroughs Inside Science**

#### [discoveriesandbreakthroughs.org](http://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.

### **FYI—Bulletin of Science Policy News** [aip.org/fyi](http://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.

### **Physics Success Stories** [aip.org/success](http://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](http://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.

### **Niels Bohr Library** [aip.org/history/nbl](http://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](http://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.

### **Emilio Segrè Visual Archives** [photos.aip.org](http://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 twentieth century.

### **History of Physics Newsletter**

#### [aip.org/history/newsletter/archive.html](http://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.

### **Statistical Research Center** [aip.org/statistics](http://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.

### **Physics Today Career Network** [careers.physicstoday.org](http://careers.physicstoday.org)

For those looking to hire or be hired, visit the *PT 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.

### **Industrial Physics Forum** [aip.org/ca/meeting.html](http://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.

### **Society of Physics Students** [spsnational.org](http://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*

### **Sigma Pi Sigma** [sigmapisigma.org](http://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*

### **Gradschoolshopper.com** [gradschoolshopper.com](http://gradschoolshopper.com)

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

AIP's prestigious core journals ([journals.aip.org](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://jpcrd.aip.org)

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

#### **Low Temperature Physics** [ltp.aip.org](http://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](http://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](http://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](http://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.

#### *AIP Publishing Services* ([pub4stm.org](http://pub4stm.org))

delivers intelligent, cost-effective solutions for distributing products and services both online and in print. Whether it's launching a Web version of a current journal or devising an all-new publication, we offer peerless expertise at all stages of the publishing process.

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#### **AIP Conference Proceedings** [proceedings.aip.org](http://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.