

APS Advancing Physics

The American Physical Society is a scientific membership organization committed to advancing physics and creating a welcoming professional home for the world's physics community.

For over 125 years, APS has published groundbreaking research, convened and connected the physics community, advocated for physics and physicists, and strengthened science education and professional development. We promote the role of the physical sciences in research, technology, industry, and daily life; we advance the physics enterprise.

As the physics landscape evolves, APS must continue to adapt to meet the needs of the profession, offering opportunities to share science, build networks, and develop the skills essential for successful careers. This strategic framework was developed after extensive consultation with our members and the broader physics community. It presents a refreshed vision and mission, and updated core values, which reflect the Society's rich history and point toward an exciting future.

The refreshed vision and mission place great emphasis on building a diverse community of physicists to address humanity's greatest challenges. The updated core values elevate trust, integrity, inclusion, and equity, aiming to create a welcoming home for all who engage in physics and adjacent fields. Together, they guide members and staff working to advance our mission and achieve the aspirations of the global physics community.

This framework demonstrates our dedication to advancing physics while fostering a global community grounded in ethical conduct. With collaboration among leadership, members, staff, and global partners, APS is poised to secure a future fueled by growth and innovation, contributing to a more equitable, sustainable, and impactful world for all.



APS VISION, MISSION, AND CORE VALUES

Our vision describes the world that we are seeking to create.

It imagines a future in which physics inspires, enriches, and sustains society.

Our mission sets forth our purpose.

It reflects our unwavering commitment to cultivating an inclusive, global community that flourishes in pursuit of scientific knowledge and in service to society.

Our core values guide how we work together.

APS's core values lie at the heart of this framework. They serve as a compass, pointing us toward a culture that champions access, opportunity, and collaboration. They call out our commitment to listening to and supporting each other; they aim to dismantle barriers to engaging in physics and cultivating a community in which all can thrive.

Together, our core values underpin our work to advance physics. From upholding the scientific method as the bedrock of our field, to promoting diversity, equity, and inclusion, our values are integral to our Society. They offer guidance as we create standards of conduct, handle ethics claims, and bestow honors upon those who exemplify these values in their contributions to science and to our community.

Through these core values, APS aims to uphold the highest standards of excellence, advance scientific discovery, and foster a vibrant and inclusive environment in which anyone can contribute meaningfully to the advancement of science and society.



VISION

APS envisions a world
inspired, enriched, and
sustained by a thriving
physics enterprise.



MISSION

APS advances physics
by fostering a vibrant,
inclusive, and global
community dedicated to
science and society.

CORE VALUES

Scientific Method

We rely on scientific methods as the foundation for physics and its applications; we recognize the evolution of scientific inquiry.

Trust, Integrity, and Ethical Conduct

We act honestly and ethically to ensure integrity in physics and across our community.

Equity, Diversity, and Respect

We champion a culture of mutual respect, inclusion, access, and belonging; we embrace diversity in physics.

Collaboration

We engage in open and respectful exchange to accelerate scientific discoveries and solve global challenges; partnerships and collaborations make us stronger.

Education and Learning

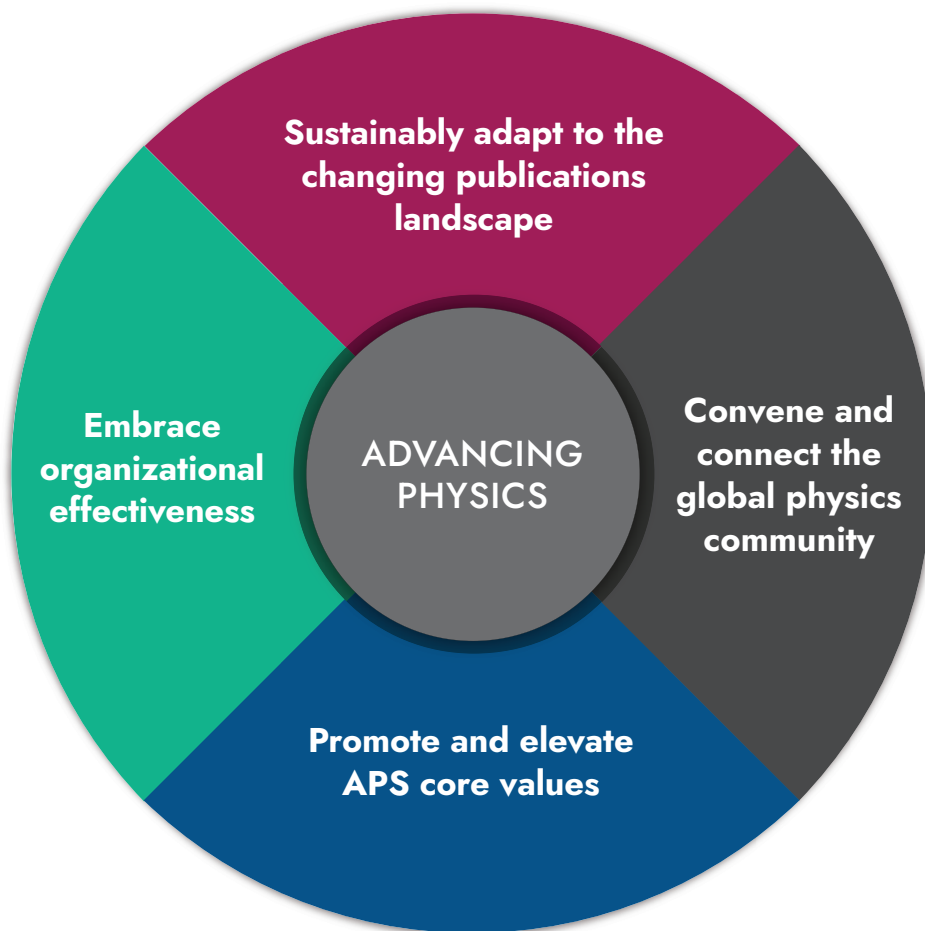
We promote education that nurtures curiosity, sparks innovation, and supports lifelong learning and discovery.

Speaking Out

We listen, promote our core values, and speak out on issues where scientific evidence or expertise can inform the public or benefit society.

APS STRATEGIES

APS is committed to fulfilling its mission, realizing its vision, and upholding its core values through a framework built on four strategies.



The strategies are designed to address emerging challenges for the physics enterprise. They rest on a strong foundation — our members, staff, and community — and support our lofty aspirations — as expressed through our vision, mission, and core values. They focus on sustainably adapting to evolving publication trends, fostering global connections within the physics community, promoting our core values, and enhancing organizational effectiveness.

The strategies are not meant to be prescriptive, but rather to center our work. By prioritizing these four areas, APS aims to ensure a bright future so that physics can continue to inspire and enrich for years to come.

Sustainably adapt to the changing publications landscape

Research publication is central to science and to the APS mission.

In physics, as in all sciences, scholarly publishing is a primary medium through which research is shared, debated, and built upon. To lead in this era of great change, APS must sustainably adapt and boldly innovate.

We will start by placing the researcher at the center of our publishing activities. By prioritizing the needs of researchers, we will ensure that our publications remain central to the scientific community. To achieve this goal, we will grow and diversify our publications portfolio, offering a wide range of content that serves researchers across physics and adjacent fields.

Additionally, we will develop open access strategies that promote accessibility while ensuring compliance and sustainability in publishing practices. In line with these efforts, we will expand our commercial offerings, seeking new revenue streams and enhancing our ability to meet the needs of our customers.

Through these initiatives, APS is committed to remaining a leader in the field of scientific publishing, providing researchers with the tools and resources they require to advance their work and contribute to scientific progress.

Convene and connect the global physics community

Connecting scientists around the globe fuels progress by increasing the pace of discovery and innovation.

APS is committed to fostering responsible international collaboration and interdisciplinary engagement.

This strategy aims to establish APS as a welcoming global hub for the world's physics community. By providing a home for networking, knowledge sharing, and collaboration, we will create a space where physicists from diverse backgrounds can connect on common ground.

We will engage current and future members by offering more personalized APS experiences. By tailoring our products and services to individuals' needs and interests, we will increase accessibility, deepen engagement, and nurture connections with and between our members worldwide.

We will offer a suite of membership options, which will include a range of resources, programs, and events designed to meet the needs of physicists at every career stage and in every corner of the globe.

Through these efforts, APS will strengthen the centrality of its role within the global physics community.

Promote and elevate APS core values

Our core values guide how we work together.

APS core values emphasize the critical importance of scientific thinking, collaboration, education, speaking out, equity and inclusion, and ethical conduct. They apply across the entire APS community.

Within APS, we will continue to recruit and support individuals from a variety of backgrounds, identities, and lived experiences. This enriches the workplace environment, brings a wider range of perspectives in support of our mission, and ensures a more equitable and effective organization.

Across APS, we will continue to grow, serve, and support our diverse community. We will provide resources, programs, and initiatives that increase access and address the needs and interests of all our members. By fostering a sense of belonging, we will strengthen physics, increase excellence, and build a more inclusive physics community.

We are committed to championing a culture of ethical conduct rooted in our core values by upholding the highest standards of integrity and accountability. We build trust and confidence within and across the physics community when we promote and celebrate ethical behavior.

By promoting and elevating our core values, APS will create a vibrant organization that is well equipped to serve the needs of its members and advance the field of physics.

Unparalleled service to APS members drives us to optimize operations and governance.

To be effective, APS must have clear objectives, streamlined processes, and empowered individuals, all working cohesively toward a set of common goals.

To improve our effectiveness, we will leverage data and analytics to gain deeper insights into the needs and preferences of our members, which will allow more individualized interactions. A data-driven approach will enable us to enhance our offerings and services, ensuring that they align with the evolving needs of the physics community.

Furthermore, we will continue to strengthen our governance to increase member engagement and improve mission delivery. We will empower members and provide them with meaningful experiences so that we can continue to draw upon their expertise and passion. This collaborative approach will help us drive positive change in the physics community.

At the same time, we will focus on operational excellence to ensure financial sustainability, continuous improvement, and customer satisfaction. By optimizing operations, we will maximize resources and minimize waste to increase both relevance and sustainability. This will enable us to maintain our financial health, invest in strategic initiatives, and deliver high-quality services that meet the needs of our members.

By embracing organizational effectiveness, APS will enhance its impact across the scientific community. APS is committed to delivering value and driving positive change for members and the broader physics community through data analytics, collaborative governance, and operational excellence.

Embrace organizational effectiveness

