

2025 Physics & Astronomy Congress
Supporting Our Phase Shifts

OCTOBER 30–NOVEMBER 1, 2025 ~ DENVER, COLORADO

Career Expo: A Guide to Recruiting the Next Generation STEM Workforce

at the world's largest gathering of physics
& astronomy undergraduate students

students.aip.org/congress

THE CAREER EXPO
IS SPONSORED BY
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CAREER NETWORK



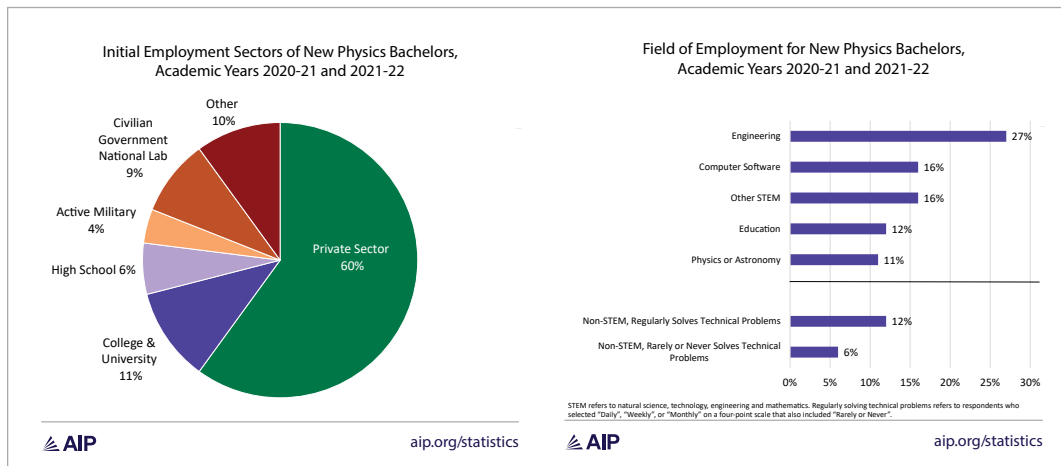
Sponsored by AIP, AIP Federation, and hosted by
Sigma Pi Sigma, the physics and astronomy honor society



WHAT ROLES ARE PHYSICS BACHELORS FILLING?

Employment Versatility: Study shows Physics Bachelor's recipients find jobs in many sectors and fill a variety of technical roles

Just shy of half of US physics bachelor's degree recipients from the 2021–22 academic year entered the workforce within a year of earning their degree. **The percentage of physics bachelor's degree earners who enter the workforce immediately after graduating has been trending upward since 2009. In the combined graduating classes of 2021 and 2022, 60% of physics bachelor's holders were employed in the private sector;** 11%, in colleges and universities; 9%, in civilian government (including national laboratories); 6%, in high schools; 4%, in the military; and 10%, in other areas (see the chart). Across all sectors, new physics degree recipients most commonly worked in engineering (27%), followed by computer software (18%), physics or astronomy (11%), and other fields.



* Physics Bachelor's Initial Employment: Academic Years 2020–21 and 2021–22, AIP Research, 2024

Physics students bring strong analytical skills, problem-solving abilities, and a deep understanding of fundamental principles that drive innovation in engineering and technology. Their versatility and big-picture thinking make them valuable in roles such as engineers, software developers, and data analysts.

– Valerie Browning, Vice President for Research and Technology, Lockheed Martin

Common Job Titles for New Physics Bachelors

Engineering

Systems Engineer
Engineering Technician
Electrical Engineer
Project Engineer
Mechanical Engineer
Test Engineer
Process Engineer
Production Engineer
Design Engineer
Manufacturing Engineer
Application Engineer
Data Engineer
Scientist

Programming/Software

Software Engineer
Software Developer
Application Developer
Data Engineer
Data Analyst
Data Scientist
Machine Learning Engineer
Consultant

Research and Technical

Research Assistant
Researcher
Research Technician
Junior Specialist
Patent Examiner
Accelerator Operator
Physicist
Scientist

Education

High School Physics Teacher
High School Math Teacher
Middle School Science Teacher
Tutor

Finance/Business

Data Analyst
Research Analyst
Project Manager
Investment Banker

JOIN LEADING EMPLOYERS HIRING PHYSICS BACHELOR RECIPIENTS

[Physicists are] trained to solve problems and to connect the dots. There are huge opportunities for us to help make AI more explainable, reasonable, reliable, and scalable.

— Evgeni Gousev, Senior Director of Engineering at Qualcomm Technologies, Inc., Silicon Valley, CA

Accenture	Eurofins	Microsoft
Actalent	Facebook	MIT Lincoln Laboratory
Aerotek	FDM Group	Mitre
Amazon	Fermi National Accelerator Laboratory	NASA
American Physical Society	Fidelity Investments	National Institutes of Health
Apex Systems	First solar	NAVAIR
Apple	GE	Naval Nuclear Laboratory
Applied Materials	Genentech	Naval Oceanographic Office
Arete Associates	General Dynamics Electric Boat	Naval Surface Warfare Center Dahlgren Division
Argonne National Laboratory	General Motors	Newgrange Design
ASML	Genesis10	Northrop Grumman
ASRC Federal	Gentex Corporation	Open Systems International
AT&T	Goldman Sachs	Oracle
Axient	Google	ORISE
Bank of America Merrill Lynch	Harvard Smithsonian Center for Astrophysics	Palantir Technologies
Baylor Scott and White Healthcare	Honeywell	Peraton
Belcan	HRL Laboratories	Photonics Industries International
Benchmark Electronics	IBA	PPD
Bloomberg	IBM	Quality Electrodynamics
Blue Origin	Infosys	Randstad
BNY Mellon	Intel	Raytheon
Boeing	IPG Photonics	Revature
Booz Allen Hamilton	Johns Hopkins University Applied Physics Lab	Rigetti Computing
Bridger Photonics	JP Morgan Chase	SAIC
Brigham and Women's Hospital	KBRwyle	SciTec
Broad Institute of MIT and Harvard	Keysight Technologies	Seagate Technology
Brookhaven National Laboratory	KPMG	SLAC National Laboratory
C2 Education	L3 Harris	Space Telescope Science Institute
CACI	Laboratory for Laser Energetics	SpaceX
Capital One	Las Cumbres Observatory	SRC, Inc.
Cisco	Lawrence Berkeley National Laboratory	Stryker
Cleveland Clinic	Lawrence Livermore National Laboratory	Tesla
Collins Aerospace	Leidos	The Aerospace Corporation
Corning Inc.	Lockheed Martin	The Boston Consulting Group
Credit Suisse	Loma Linda University Medical Center	Thermo Fisher
Darktrace	Los Alamos National Laboratory	Thorlabs
DC Energy	MACOM	U.S. Bank
Deloitte	Manpower	US Air Force
Department of Defense	Massachusetts General Hospital	US ARMY
Dynetics, Inc.	Mayo Clinic	US Government
Eaton	McKinsey & Company	US Navy
Edmund Optics	Medtronic	USPTO
Epic Systems	Micron	Wells Fargo

JOIN OUR CAREER EXPO

Recruit the next generation STEM workforce during a key networking opportunity

Now's the chance to:

- Connect with the largest gathering of diverse talented physics and astronomy students in the United States.
- Create awareness for your company as a leader in the STEM employment space.
- Consider a career expo table or table plus online job post to bolster your workforce with competitive STEM talent.
- Learn why a physics hire could be the perfect fit for your organization.

The 2022 Physics Congress brought together students from 257 colleges and universities across 46 states.

Not Your Average Student Conference

The 2025 Physics & Astronomy Congress is slated to bring together more than 1,200 physics undergraduate and graduate students, Sigma Pi Sigma lifetime members, professionals, and faculty to address common concerns for science and society. Students will be immersed in cutting-edge topics on innovation and technology. This is expected to be the largest attended Congress of Sigma Pi Sigma, the physics and astronomy honor society.

The Congress unites students, alumni, and faculty for three days of cutting-edge physical sciences, along with interactive professional development workshops and valuable networking opportunities. Held only once every three years, this is a unique event you won't want to miss.

The Right Talent, The Right Moment

Students attend the Congress with a focus on their future in STEM--they are actively exploring the next steps in their career beyond the 4-year degree. This is an ideal moment to reach the next generation of highly skilled problem-solvers, ready to excel in diverse technical roles.



BOOK A TABLE

Questions?

Dan Cooke - cooke@aps.org



SPONSOR OPTIONS: MAXIMIZE YOUR VISIBILITY AS A TOP EMPLOYER

All Four Sponsorship Levels Include Career Expo Space And More

The Physics and Astronomy Congress is the largest gathering of undergraduate physics and astronomy students in the nation. Students from across the U.S. and beyond meet at the Congress to experience a transformative three-day event of networking, learning, presenting and professional development.

Because the Congress only takes place every three years, it draws over 1,200 students, faculty, mentors, alumni, corporate representatives and luminaries from around the world. For students, it's a life-changing experience to participate in hands-on workshops, learn about graduate school opportunities, meet potential employers, and make lasting connections with other physics and astronomy-minded people.

Sponsorships offer even greater value for your presence at the Congress, including ways to engage meaningfully with students and have higher levels of visibility.

The Power of a Sponsorship

Each of the Congress's carefully crafted sponsorship packages are thoughtfully designed to resonate with the audience of diverse and talented future workforce, positioning you as leader in the STEM employment space and providing you with access to a talent pipeline both during and beyond the event.

Interested in Sponsorship Options? Contact us to learn more about [sponsorship packages](#).

Alejandro de la Puente: adelapuate@aip.org | 301-209-3400

Anna Lee: alee@aip.org | 301-209-3006

Visibility Boosters: Sponsorship Overview



Tiered sponsorship starts at just \$5,000 and combines a powerful mix of visibility, access, branding and marketing benefits, tailored to each level. Benefits may include:

- Career Expo Space
(included at all sponsor levels)
- Comped Registration
- Targeted Recruiting Eblast
- Interview Room
- Student Resume Book
- Lunch with Your Staff Scientist
- Present Poster Award
- Upgraded Job Board Posting
- Event Website Recognition
- Mobile App Sponsor Page
- Branded Swag in Giveaway Bag
- Webinar with SPS
- Recognition in Program Book
- Targeted Social Shoutout

A La Carte Sponsorship options are also available and start at just \$1,000.

To learn more about your options as they align with your recruitment and branding goals, View the [Sponsorship Brochure](#) or contact Anna Lee alee@aip.org

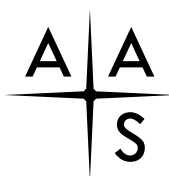
Recent Sponsors

PHYSICS TODAY

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CAREER EXPO TABLE RATES & DISCOUNTED JOB BOARD BUNDLES

Elevate Your STEM Talent Pipeline with a Presence in the Career Expo

Showcase your organization's offerings to attract a range of technical talent from this diverse and versatile applicant pool. Dedicated expo time allows attendees the maximum opportunity to connect with you. Find out how these motivated candidates will give your workforce a unique, competitive edge.

To unlock your discounted table rate, choose from our two options:

Enhanced Visibility Bundle (One Career Expo Table \$1,500)

One table in the career expo area will give you access to the next generation STEM workforce for the duration of the Congress.

OR

Maximum Visibility Bundle (One Table + 60-day Online Job Post ~~\$2,350~~ \$1,850)

Your career expo table includes a 60-day online job posting to the Physics Today Jobs Career Network (\$850 value). Your posting will be distributed to all applicable job boards in the network, including SPS Jobs and Physics Today Jobs. This bundle gives you maximum visibility during and beyond the event while saving you \$500!

BOOK A TABLE

Questions about this offer?
Christina Unger Ramos - cunger@aip.org



Career Expo Hours

Thursday, October 30, 12:00 pm–1:45 pm
Friday, October 31, 10:15 am–12:00 pm
Saturday, November 1, 11:30 am–1:00 pm

Setup Hours: (subject to change)

Exhibitor Registration: Wednesday October 29, 3:00 pm–5:00 pm
Setup: Wednesday, Oct. 29, 3:00 pm–5:00 pm AND/OR Thursday, Oct. 31, 9:00 am–11:30 am
Teardown Hours: Saturday, November 1, 1:00 pm–3:00 pm

MAXIMUM
VISIBILITY

	Table Rate By Sept. 1	Discounted Table + Job Board Bundle By Sept. 1	Added Visibility: Sponsorships By Sept. 1
Career Expo Table Includes 6'x2' tabletop with 2 Chairs & 1 wastebasket; 2 expo-only registrations	\$1,500	\$2,350 \$1,850	Contact alee@aip.org for a variety of brand-boosting, thought leadership and networking opportunities to complement your recruitment effort at and beyond Congress.