

Other Career Related Events

Sunday, April 14

Preparing for Careers Outside Academia

12:00 - 2:00 p.m. - SHERATON DIRECTOR'S ROW H

This interactive session will bring together physicists and/or employers from outside academia who will share their insight on how graduate students can prepare themselves for a non-academic careers, as well as how departments can support graduate students for such employment. Refreshments will be served.

PIE Playground: Examples of Teaching Innovation and Entrepreneurship in Physics

2:00 - 4:00 p.m. - SHERATON DIRECTOR'S ROW E

Educators and students are invited to come to a session to learn approaches to teaching innovation and entrepreneurship in physics. Activities will include an interactive ideation exercise, and an opportunity to design, prototype and test a useful device. Session will be led by faculty experienced in teaching physics innovation and entrepreneurship (PIE), who are participants in the NSF-funded APS PIPELINE project.



Career Resources For Students

APS Careers Website

A portal to physics career resources. Learn what career paths are possible and how to start making your career dreams a reality.

aps.org/careers

The Vector

A monthly email for undergraduates which highlights career resources and professional development topics, and includes information on internships, jobs, and scholarships

aps.org/membership/services/vector.cfm

SPS Careers Toolbox

A comprehensive resource from SPS on how to plan and prepare for future careers at the BS level and beyond. Topics include informational interviews, networking, and more.

spsnational.org/sites/all/careerstoobox

We hope that you enjoy the 2019 Future of Physics Days Events at the APS April Meeting!



Crystal Bailey

**APS Head of
Career Programs**

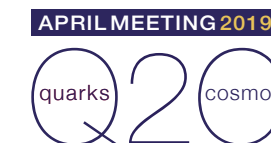
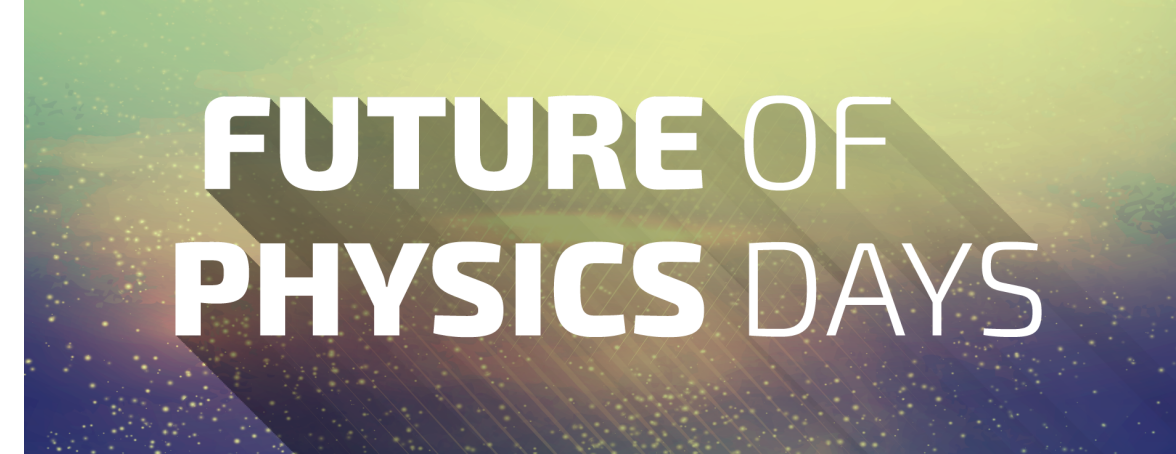
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Brad Conrad

**Director, SPS and
Sigma Pi Sigma**

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Schedule

Saturday, April 13

8:30 a.m.	A01: Physics and Society	PLAZA ABC
10:45 a.m.	B07: Attracting Young People to Science and Science Policy	GOVERNOR'S SQUARE 16
	B12: Undergraduate Research I	PLAZA COURT 1
	B13: Outreach and Engaging the Public	PLAZA COURT 2
12:30 p.m.	B20: Lunch with the Grads: A Panel Discussion on Physics Graduate School (for description, see right)	DIRECTOR'S ROW H
1:30 p.m.	C02: Isaacson Award Talk and Ground Based Gravitational-wave Astronomy	PLAZA D
	C03: Quantum Information Science	PLAZA E
	C07: New Challenges to International Science Collaborations	GOVERNOR'S SQUARE 16
	C12: Undergraduate Research II	PLAZA COURT 1
3:30 p.m.	D04: Private Sector Career Opportunities for Physicists	PLAZA F
	D05: Leading Women in the Gravitational Wave Era	GOVERNOR'S SQUARE 14
	D06: Secrecy and Espionage in Science	GOVERNOR'S SQUARE 15
	D12: Undergraduate Research III	PLAZA COURT 1
5:45 p.m.	E01: Undergraduate Poster Session	PLAZA FOYER

Sunday, April 14

8:30 a.m.	G02: Centennial of the Eddington Eclipse Expedition	PLAZA D
	G07: Engaging Students in Authentic Experimentation During Lab Courses	GOVERNOR'S SQUARE 16
	G12: Undergraduate Research IV	PLAZA COURT 1
10:30 a.m.	G20: Undergraduate Breakfast, Career Workshop, and Awards (for description, see right)	WINDOWS
10:45 a.m.	H02: New Detectors for Medical Imaging: Translating Discoveries from Nuclear and Particle Physics to Medicine	PLAZA D
	H04: Looking at Super Massive Black Holes	PLAZA F
	H06: FPS Prize Session	GOVERNOR'S SQUARE 15
12:00 p.m.	H21: Preparing for Careers Outside Academia (for description, see reverse)	DIRECTORS ROW H

1:30 p.m.	J02: Edward Bouchet Award Talk and Progress in Numerical Simulations of Compact Binaries	PLAZA D
	J03: Honoring Leon Lederman	PLAZA E
	J06: Creating an Inclusive Physics Community for the Next Century	GOVERNOR'S SQUARE 15
	J11: Physics in Medicine: Devices, Algorithms, and Models	GOVERNOR'S SQUARE 17
2:00 p.m.	K20: PIE Playground: Examples of Teaching Innovation & Entrepreneurship in Physics (for description see reverse)	DIRECTOR'S ROW E
3:30 p.m.	L02: Einstein Prize Talk and Developments in Gravitational Theory	PLAZA D
	L07: Pais Prize Session: Helge Kragh	GOVERNOR'S SQUARE 16
	L13: Physics Education: From Particle Physics to Autonomous Driving to Contact	PLAZA COURT 2

Monday, April 15

8:30 a.m.	P01: Kavli Symposium: Recent Advances in Neutrino Physics	PLAZA ABC
10:45 a.m.	Q05: Higgs as a Tool for New Physics: Current Status and Future Facilities	GOVERNOR'S SQUARE 14
	Q07: New Energy Technologies & Policies	GOVERNOR'S SQUARE 16
1:30 p.m.	R04: DAP Prize & Award Session	PLAZA F
	R06: Publishing in Areas Outside of Peer Reviewed Journals	GOVERNOR'S SQUARE 15
3:30 p.m.	T05: DNP Prize Session	GOVERNOR'S SQUARE 14
	T06: Commercializing Research Technology	GOVERNOR'S SQUARE 15

Tuesday, April 16

8:30 a.m.	W01: 90th Anniversary of the APS Reviews of Modern Physics	PLAZA ABC
10:45 a.m.	X05: Detecting, and Defending Earth from, Earth-Crossing Asteroids	GOVERNOR'S SQUARE 14
	X07: Precision Searches for New Long-range forces, from Quantum Sensors to Spacecraft	GOVERNOR'S SQUARE 16
1:30 p.m.	Y02: NICER and its Implications	SHERATON PLAZA D
	Y07: Excellence in Physics Education Award: The Learning Assistants Alliance	GOVERNOR'S SQUARE 16

All locations are at the Sheraton Downtown Denver, unless otherwise noted.

Future of Physics Days Events

Saturday, April 13

Undergraduate Research Sessions I - III

10:45 a.m. - 5:30 p.m. - SHERATON PLAZA COURT 1

Undergraduate Poster Session:

5:45 - 7:45 p.m. - SHERATON PLAZA FOYER

Lunch with the Grads: A Panel Discussion on Physics Graduate School

12:30 - 1:30 p.m. - SHERATON DIRECTOR'S ROW H

Enjoy some light refreshments and interact with our panel of graduate students, who will be on-hand to answer all of your burning questions about Graduate School. Topics of discussion will include choosing a graduate school, balancing teaching workload and coursework, qualifying exams, and more! Refreshments will be served.

Sunday, April 14

Undergraduate Research Session IV

8:30 - 10:30 a.m. - SHERATON PLAZA COURT 1

Undergraduate Breakfast, Career Workshop, and Awards

10:30 a.m. - 12:00 p.m. - SHERATON WINDOWS

Undergraduate students can enjoy a hearty breakfast and learn about how to prepare for a wide variety of careers in physics outside of academia. Following the career workshop, presenters from the Undergraduate Research/SPS sessions will be recognized, and top presenters will receive special fun prizes.



(See reverse side for other career events.)