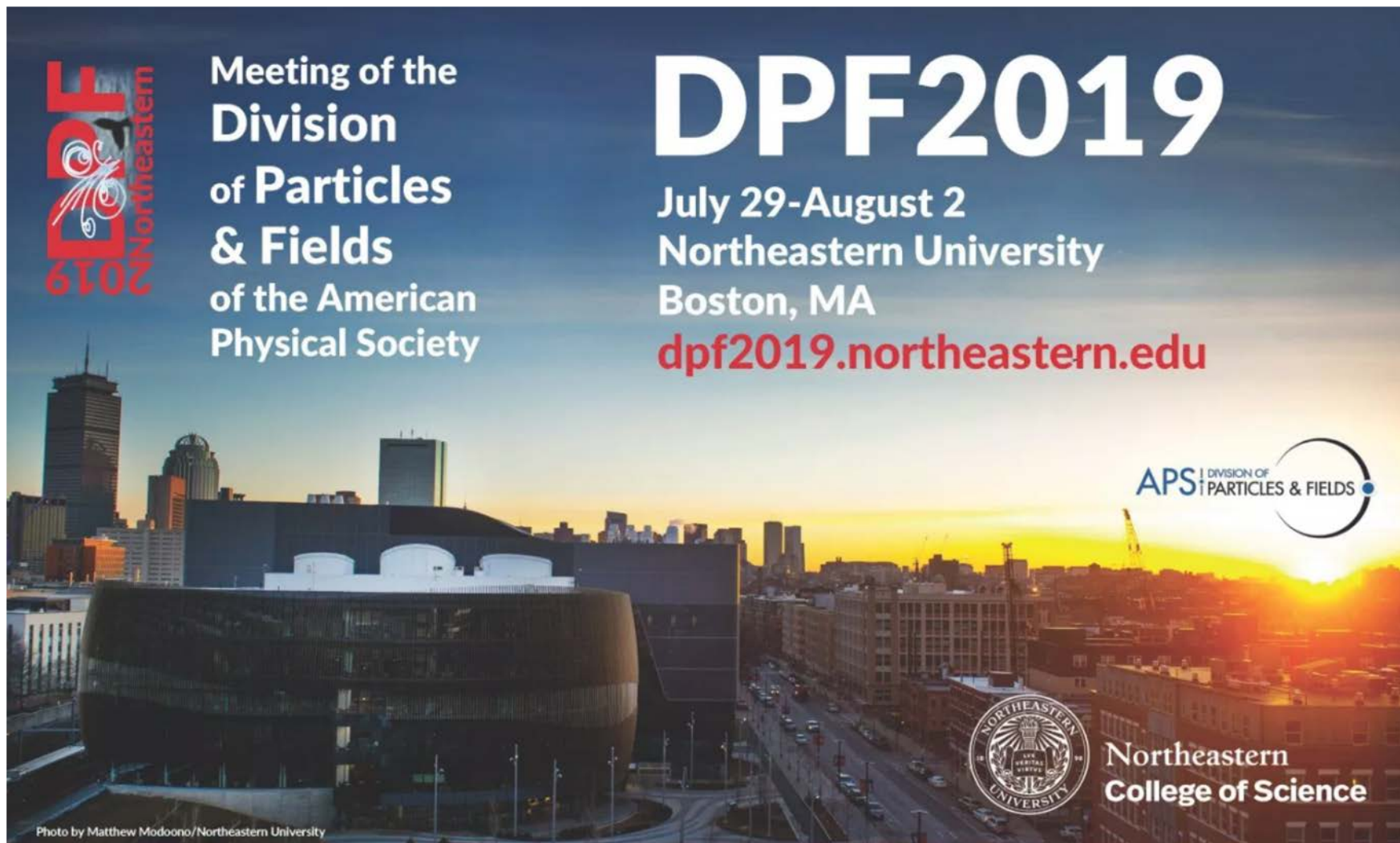


Welcome to DPF2019

HUGE THANKS to Emanuela Barberis and Toyoko Orimoto and the rest of the local organizing committee



DPF2019
Meeting of the
Division
of Particles
& Fields
of the American
Physical Society

DPF2019
July 29-August 2
Northeastern University
Boston, MA
dpf2019.northeastern.edu

APS | DIVISION OF PARTICLES & FIELDS

Northeastern
College of Science

Photo by Matthew Modoono/Northeastern University

Program Committee:

Emanuela Barberis (Northeastern U.) Co-Chair
Toyoko Orimoto (Northeastern U.) Co-Chair
George Alverson (Northeastern U.)
Priscilla Cushman (U. of Minnesota)

Mirjam Cvetič (U. of Pennsylvania)
André de Gouvêa (Northwestern U.)
Dmitri Denisov (FNAL)
Hassan Jawahery (U. of Maryland)

Bo Jayatilaka (FNAL)
Young-Kee Kim (U. of Chicago)
Rafael Lang (Purdue U.)
Michael Peskin (SLAC)

Steven Ritz (U. of California Santa Cruz)
Kate Scholberg (Duke U.)
Louise Skinnari (Northeastern U.)
Marcelle Soares-Santos (Brandeis U.)

Stefan Söldner-Rembold (U. of Manchester)
Tim Tait (U. of California Irvine)
Stephane Willocq (U. of Massachusetts Amherst)
Darlen Wood (Northeastern U.)

The Division of Particles and Fields is YOUR Society

<https://www.aps.org/units/dpf/>

Maintain high-caliber, peer-reviewed journals

Annual April Meeting and biannual DPF divisional meeting

Communication: Monthly newsletter, announcements, conference schedules, ...

Prizes and Awards and Fellowships

but also your vehicle to promote, direct, and influence particle physics



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Division of Particles and Fields

Governance

Newsletters

Meetings

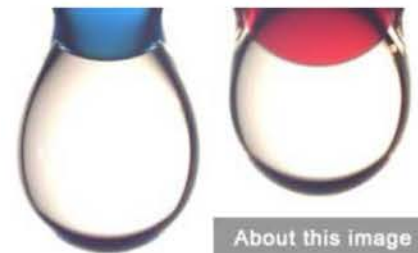
APS Fellowship

Prizes & Awards

Resources

Division of Particles & Fields

Established in 1967, the objective of the Division is the study of fundamental particles and fields, their structure, their interactions and interrelationships, the design and development of high energy accelerators, and the design and development of instrumentation techniques for high energy physics.



About this image

DPF governance structure: Meet your Executive Committee

4-year Chair Line: Joe Incandela (Past Chair)
Prisca Cushman (Chair)
Young-Kee Kim (Chair-elect)
Tao Han (Vice-Chair)

Secretary/Treasurer: Mirjam Cvetic

Councilor: Elizabeth Simmons

Members at Large (staggered 2-yr terms)

Tulika Bose, Robert Tschirhart, Richard Van Kooten, Elizabeth Worcester,
Andre Luiz De Gouvea, Natalia Toro, Fernanda Psihas (early career)

If you have a passion or have a mission for change, consider joining the EC.
Expect a request for nominations soon – Election follows this fall.
Names (including your own) are sent to the Nominating Committee.

Manfred Paulini (chair)

Dmitri Denisov (vice-chair)

Natalie Roe

Hank Sobel

Brenna Flaughter

TBA (APS representative).

We have instituted a much broader Program Committee

Improve DPF institutional memory

Represent all sub-fields fairly

Assist in planning and improving the mission of DPF @ APS April Meeting

Provide the nucleus of a new Snowmass Planning committee

Young-Kee Kim (ex-officio)

Prisca Cushman (ex-officio)

Tao Han (co-chair)

Roger Rusack (co-chair)

Tom Browder

Stephen Butalla (grad student rep)

Jodi Cooley

Dmitri Denisov

Tom Diehl

Bertrand Echenard

Matt Graham

Chris Hill

Mike Kordosky

Rafael Lang

Kendall Mahn

Jim Olsen

John Orrell

Stefano Profumo

Mayly Sanchez

Stephen Sekula

Marc Sher

Sheldon Stone

Matthew Szydakis

Tim Tait

Mayda Velasco

New Initiatives from DPF

Building Institutional Memory and Improving Communication

Early adopters of ENGAGE → Discussion, repository, email lists

Empowering members-at-large → drives the new initiatives

Use APS resources (outreach, public policy, diversity issues)

Diversity, Harrassment, Inclusion

Allies program: DNP (has done this for several years – follow their lead

How can DPF address sexual harassment across Universities and Labs?

Public Policy

HEP user group visits to Congress are having an enormous effect

Data-driven and new scheduling software and improved training.

Make some connections to the larger APS effort (2-way communication)

Outreach

Connect with the April mtg host city and local universities – 2020 in DC

Connect APS resources to HEP for public outreach

Active engagement with social media

Snowmass

DPF provides a community-driven decadal process to identify the best science

Input to funding scenarios and prioritization

Improving the DPF experience at the April meeting



1. Grad Slam – even bigger and better next year
Winners receive a certificate and a year's APS membership.

2. Young Investigators talk to Agency Folks
Well-attended and useful session

3. A series of town halls and forums on
Our new Snowmass Planning Process



Behind the scenes: Active Program Committee to work with Planning
Better sorting categories, more mini-symposia and forums

The Snowmass Process starts here

Town Hall during the 2019 April APS Meeting provided insights

First draft of Topical Groups is being drawn up the Program Committee

Thursday Morning Plenary on worldwide planning exercises

11:00 → 12:30 **Plenary Sessions: Thursday Morning 2**

📍 Blackman Auditorium (EII Hall)

Convener: Dmitri Denisov (Brookhaven National Laboratory)

11:00

Regional Programs in HEP: Asia

🕒 30m

Speaker: Xinchou Lou (Chinese Academy of Sciences (CN))

11:30

European Strategy Study

🕒 30m

Speaker: Halina Abramowicz (Tel Aviv University (IL))

12:00

Towards Snowmass 2020

🕒 30m

Speakers: Prisca Cushman (University of Minnesota), Prisca Cushman (University of Minnesota (US)), Young-Kee Kim (University of Chicago (US))



Followed by a lunch meeting with detailed Q&A about the next Snowmass and Lessons Learned from the 2013 exercise

Looking behind the curtain

DPF dues income from 2009--2019

	DPF Dues	DPF membership
➤ 2009:	\$17,305	3,461
➤ 2010:	\$17,825	3,565
➤ 2011:	\$17,325	3,465
➤ 2012:	\$17,430	3,486
➤ 2013:	\$17,695	3,539
➤ 2014:	\$17,685	3,537
➤ 2015:	\$17,235	3,447
➤ 2016:	\$17,740	3,548
➤ 2017:	\$17,660	3,532
➤ 2018:	\$17,565	3,513
➤ 2019:	\$17,455	3,491*

An APS member pays \$8 per year when he or she joins the DPF. From these dues, the APS returns to the DPF \$5 per DPF member.

*Based on the February 2019 Unit Membership Statistics

DPF Income for 2019

➤ DPF dues	\$17,455
➤ APS April meeting share	5,000
➤ Investment income	3,500

	\$25,955

Notes:

- April APS meeting share varied between \$5000 and \$7000 during the past six years
- Investment income varied between \$3300 and \$4500 during the past six years.

Projections of anticipated 2019 Expenses

➤ Programs—Travel Assist	\$12,500
➤ Non-Staff Travel (ICFA, ECFA, misc)	2,500
➤ Prizes and awards certificates/plaques	1,000
➤ Meeting costs at the APS April meeting	2,500
➤ Sorters travel	2,000
➤ AcademicJobsOnline (for DPF prize nominations)	450

	\$20,950

	2019	(2018 actual)
Projected income:	\$25,955	(\$26,717)
Projected expenses:	\$20,950	(\$15,361)

The Big Picture

Assets as of January 1

	➤ 2009:	\$162,107
	➤ 2010:	\$161,043
	➤ 2011:	\$160,222
	➤ 2012:	\$136,209
Snowmass Spend-down	➤ 2013:	\$116,699
	➤ 2014:	\$102,042
	➤ 2015:	\$114,770
	➤ 2016:	\$133,778
DPF2017 Student Support	➤ 2017:	\$132,866
	➤ 2018:	\$120,769
	➤ 2019:	\$132,125

If the pattern holds,

our general ~\$140k fund ➔ \$120k after DPF2019

➔ \$100k after Snowmass

So let's all enjoy this week!

The productivity of our field is just incredible!

Neutrino Physics	Dark Matter	Beyond Standard Model	Particle Detectors	Cosmology & Dark Energy	Education & Outreach <i>Kevin Pitts, k...</i>	Higgs & Electroweak Physics	Quark & Lepton Flavor	QCD & Heavy Ions <i>Daniel Tapir, Takaki, Olga Evdokimov</i>	Computing Analysis Tools, & Data Handling	DOE: HEP Theory <i>Curry Student Center</i>
<i>West Village G 104, Northeastern University</i>	<i>West Village G 102, Northeastern University</i>	<i>Shillman 335, Northeastern University</i>	<i>West Village G 108, Northeastern University</i>	<i>West Village G 106, Northeastern University</i>	<i>Shillman 215, Northeastern University</i>	<i>Shillman 315, Northeastern University</i>	<i>Shillman 325, Northeastern University</i>	<i>Shillman 415, Northeastern University</i>	<i>Shillman 425, Northeastern University</i>	<i>Northeastern University</i>

And let's consider at the same time

How do we influence science policy?

How do we increase investment in science?

How do we include all the budding physicists out there?

How do we grow a stronger community?

How do we communicate to the general (tax-paying) public?

How do we increase cross-fertilization of ideas?

Together we are stronger - and we can make a difference.