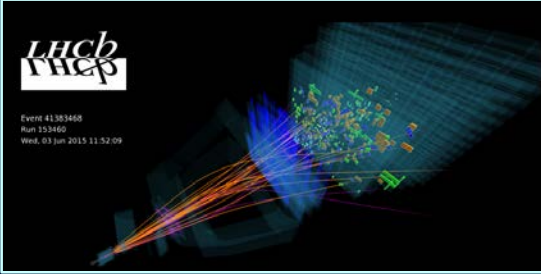
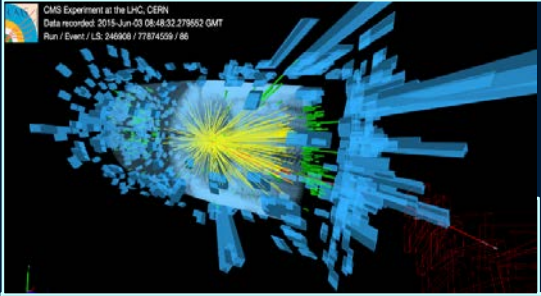
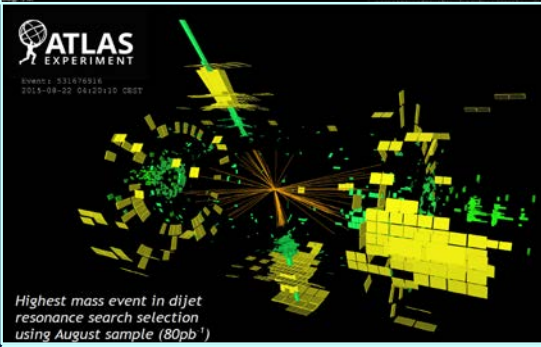
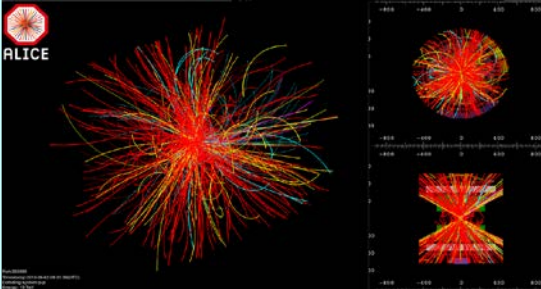




US LHC Users Association



**US LUEC Meeting
Harvey Newman**

**Fermilab
November 1 2017**





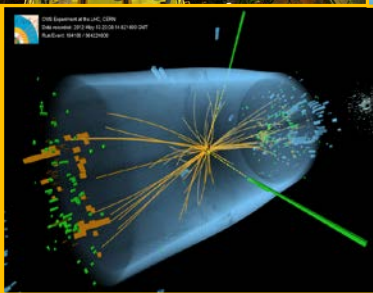
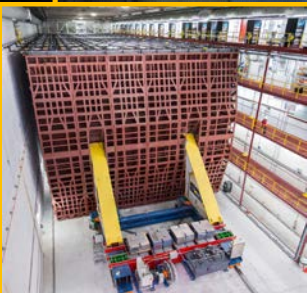
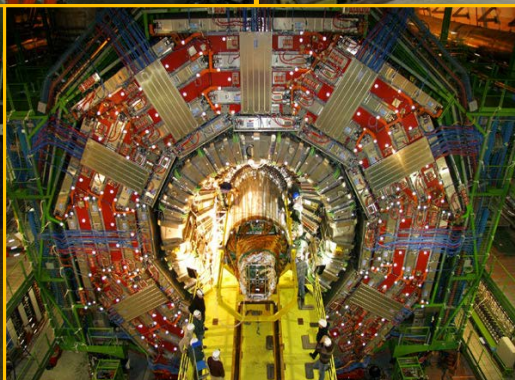
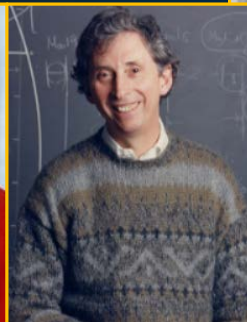
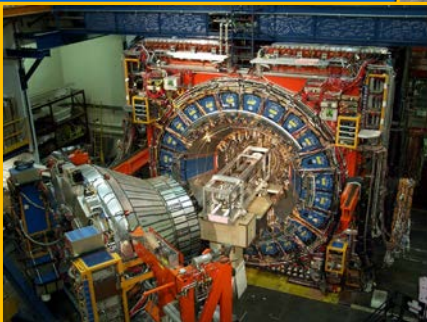
Thank You Fermilab, FRA and the LPC For Hosting Our 2017 Meeting



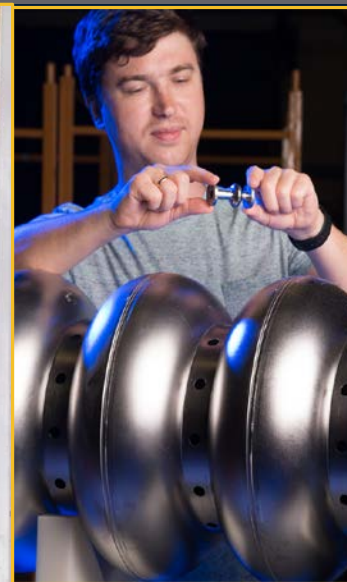
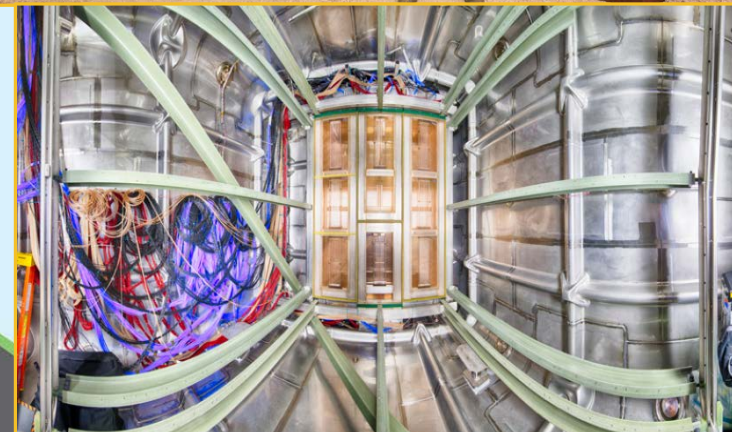
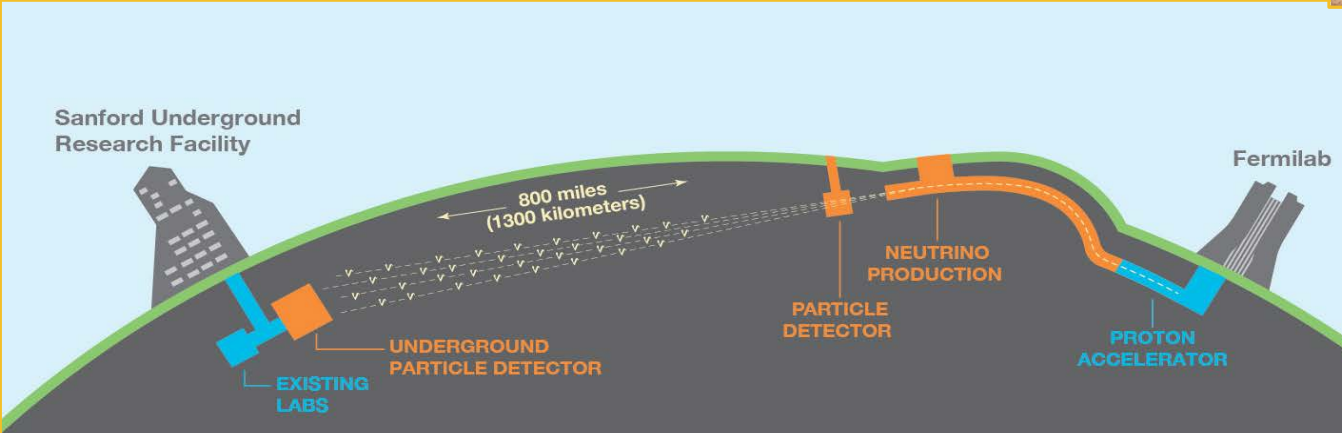
Our Hosts also in
2008, 2010, 2012, 2015



We Greatly Appreciate your strong support:
for US LUA (and US LUO before it) from the Start



Fermilab 50th Anniversary





US LUEC Meeting. Fermilab Nov. 11, 2015

Discussion Topics

- ☐ Elections
- ☐ US LUA Meeting Agenda
- ☐ US LUA and DC Trip Presentation: Comments
- ☐ The 2017 DC Trips
- ☐ Remarks from the Chairs (see a partial list of specifics below)
- ☐ Our Website: Helpful Content; A list of useful items, from safety to visas to careers; Maintaining our reference information up to date
- ☐ Email lists and link to the US LUA Membership registry
- ☐ The 2018 USA Science and Engineering Festival: Need a Chair
- ☐ Facebook and Twitter
- ☐ Fund Raising: Propose a designated Chair for this ?
 - A part time hire ?
 - ➔ Contacting PIs; Mailing lists
 - ➔ Crowdfunding for specific events
 - ➔ Other ideas ?
- ☐ Discussion: How to better serve our membership; where we need to improve.

Annual US LUA Meeting 2017

Thursday November 2 Agenda



<input type="checkbox"/> 9:00 – 9:10	Welcome to Fermilab	Nigel Lockyer
<input type="checkbox"/> 9:10 – 9:20	Logistics	Boaz Klima (Fermilab), Cecilia Gerber (UIC)
<input type="checkbox"/> 9:20 – 9:45	US LUEC Chair's Report	Harvey Newman (Caltech)
<input type="checkbox"/> 9:45 – 10:15	Status and Outlook of the LHC	Rende Steerenberg (CERN)
<input type="checkbox"/> 10:15 – 10:35	COFFEE BREAK	
<input type="checkbox"/> 10:35 – 11:00	LARP Report	Giorgio Apollinari (Fermilab)
<input type="checkbox"/> 11:00 – 11:25	ATLAS Status and Outlook	Andreas Hoecker (CERN)
<input type="checkbox"/> 11:25 – 11:50	CMS Status and Outlook	Roberto Carlin (Padova)
<input type="checkbox"/> 11:50 – 12:15	LHCb Status and Outlook	Hasan Jawahery (Maryland)
<input type="checkbox"/> 12:15 – 12:20	GROUP PHOTO	
<input type="checkbox"/> 12:20 – 1:20	LUNCH	
<input type="checkbox"/> 1:20 – 1:50	ALICE Status and Run2 Results	Leticia Cunqueiro Mendez (ORNL)
<input type="checkbox"/> 1:50 – 2:50	Young Physicists' Lightning Round Session 1	
<input type="checkbox"/> 2:50 – 3:10	CMS Run2 Results	Nathaniel Joseph Pastika (Baylor)
<input type="checkbox"/> 3:10 – 3:30	ATLAS Run2 Results	David Miller (Chicago)
<input type="checkbox"/> 3:30 – 3:50	LHCb Recent Results	Sheldon Stone (Syracuse)
<input type="checkbox"/> 3:50 – 4:10	AFTERNOON BREAK	
<input type="checkbox"/> 4:10 – 4:35	Physics at Future Colliders	Kerstin Borras (DESY/RWTH Aachen)
<input type="checkbox"/> 4:35 – 5:00	DOE Office of HEP Report	Abid Patwa (DOE/HEP)
<input type="checkbox"/> 5:00 – 5:25	DOE Office of NP Report	Tim Hallman (DOE/NP)
<input type="checkbox"/> 5:30 – 7:00	Careers Session (Panel, Q&A)	Christine Nattrass (Tennessee)
<input type="checkbox"/> 7:15 – 9:15	Conference Dinner	Restaurant TBC

Annual US LUA Meeting 2017

Friday November 3 Agenda



- ☐ 8:30 – 8:40 Introduction Harvey Newman (Caltech)
- ☐ 8:40 – 9:00 CERN and US LUA Charlotte Warakaulle, CERN Int'l Relations [**]
- ☐ 9:00 – 9:30 HEP Trips to the US Congress Breese Quinn (Mississippi)
- ☐ 9:30 – 9:50 APS and US LUA Julia Gonski (APS Council, Harvard)
- ☐ 9:50 – 11:00 **Young Physicists' Lightning Round Session 2**
- ☐ 11:00 – 11:20 COFFEE BREAK
- ☐ 11:20 – 11:40 Supporting Young Physicists; ACCU Usha Mallik (Iowa)
- ☐ 11:50 – 12:50 **Young Physicists' Lightning Round Session 3 [**]**
- ☐ 12:50 – 1:50 LUNCH and Discussion with Agency Reps.
- ☐ 1:50 – 2:40 US LUEC Committee Reports Committee Chairs
- ☐ 2:40 – 3:50 **Young Physicists' Lightning Round Session 4**
- ☐ 3:50 – 4:10 AFTERNOON BREAK
- ☐ 4:10 – 4:50 **Young Physicists' Lightning Round Session 5**
- ☐ 4:50 – 5:30 Q&A and Discussion of US LHC Community Issues and US LUA
- ☐ 5:30 – 5:45 Lightning Round Winners Announcement
- ☐ 5:45 AOB
- ☐ 6:00 Adjourn

[**] By Vidyo



US LHC Users Association (US LUA)

<http://www.uslua.org>

- ❑ **Represents the entire community: Universities and Labs**
 - ➔ **Covers the LHC experiments and LARP (Accelerator R&D)**
 - ➔ **Forum for information and concerns; special “international” needs**
- ❑ **Established as a non-profit tax exempt association, headquartered in DC, collocated & hosted by URA since May 2013**
- ❑ **In our 11th year; 5th as US LUA: Successor to the US LHC Users Organization, approved by the LHC experiments & LARP in April 2007**
- ❑ **Mission Statement:**

“The purpose of USLUA is to provide a **forum for discussions** of the US participation in the LHC research program, with a **focus on how best to enhance scientific participation in the discoveries** expected from this research. In particular, USLUA aims to **help the US LHC community work effectively with their colleagues at CERN while in the US**, and to adapt to work at CERN and to living in the environs of the CERN laboratory. USLUA also **provides communication channels between scientists working on the LHC experiments, the US agencies supporting this research and the US Congress.**”
- ❑ **Working in close cooperation: UEC, SLUO, US LHC Ops Program, ACCU**



US LUA Executive Committee: Now 14 Members

2017 Membership (2 Year Terms)

	Name	Institution	Collaboration	Term Expires
<input type="checkbox"/>	Darin Acosta	Florida	CMS	2018
<input type="checkbox"/>	Jahred Adelman (Elections)	NIU	ATLAS	2018
<input type="checkbox"/>	Usha Mallik (ACCU Rep.)	Iowa	ATLAS	2018
<input type="checkbox"/>	Jane Nachtmann	Iowa	ATLAS	2018
<input type="checkbox"/>	Toyoko Orimoto	Northeastern	CMS	2018
<input type="checkbox"/>	Sheldon Stone (Vice Chair)	Syracuse	LHCb	2018
<input type="checkbox"/>	Verena Martinez Outschoorn	UIUC	ATLAS	2017
<input type="checkbox"/>	Jessica Metcalfe (Secretary)	Argonne	ATLAS	2017
<input type="checkbox"/>	David W. Miller	U. Chicago	ATLAS	2017
<input type="checkbox"/>	Corrinne Mills	UIC	CMS	2017
<input type="checkbox"/>	Christine Nattrass	UT Knoxville	ALICE	2017
<input type="checkbox"/>	Harvey Newman (Chair)	Caltech	CMS	2017
<input type="checkbox"/>	Gianluca Sabbi (Elections)	LBL	LARP	2017
<input type="checkbox"/>	Gordon Watts (Treasurer)	Washington	ATLAS	2017
<input type="checkbox"/>	Ex-Officio: US ATLAS and CMS PMs, Deputies, CB Chairs, IB Chairs;			
	<u>Totals:</u> CMS 4, ATLAS 7, LHCb 1, ALICE 1; LARP 1			

Nominations for the 2018-19 Term are Open



US LUEC Sub-Committees: Geared to Better Serve Our Community

- **Quality of Life:** Usha Mallik (Chair and ACCU Representative); Darin Acosta, Verena Martinez Outschoorn, David W. Miller, Corrinne Mills, Christine Nattrass, Toyoko Orimoto
- **Gov't Relations:** Jahred Adelman (Co-Chair), David W. Miller (Co-Chair), Harvey Newman (Co-Chair); Usha Mallik, Verena Martinez Outschoorn, Corrinne Mills, Christine Nattrass, Gianluca Sabbi
- **Outreach:** Jahred Adelman, John Harris, Verena Martinez Outschoorn, David W. Miller, Harvey Newman, Toyoko Orimoto, Gianluca Sabbi
- **Web Presence:** Gordon Watts (Chair); Darin Acosta, David W. Miller, Toyoko Orimoto; Dorian Kcira
- **Finance, Fund Raising:** Jahred Adelman (Co-Chair), Jessica Metcalfe (Co-Chair); David W. Miller, Harvey Newman, Sheldon Stone, Gordon Watts
- **Communications:** Darin Acosta (Chair); David W. Miller, Toyoko Orimoto, Gordon Watts
- **Annual Meeting TF:** H. Newman (Chair); Corrinne Mills, Christine Nattrass
- **Rules & Elections Taskforce:** Jahred Adelman (Chair); Usha Mallik, Gianluca Sabbi, Harvey Newman, Sheldon Stone



US LHC Users Association (US LUA)

Activities (1)

☐ Annual Fall Meetings

☐ *Thanks to Fermilab, FRA and LPC for Hosting our Meeting in 2017;
Also 2015, 2012, 2010, and 2008.*

☐ And Argonne HEP in 2014, 2011; Wisconsin HEP 2013; LBNL 2016, 2009

☐ Focus: Young Physicists' Work !

Lightning Round - a tradition - thanks to Jessica Metcalfe, Corrinne Mills;
Also: Sridhara Dasu; Julia Thom, Gordon Watts, Darin Acosta, et al

☐ And their Careers: Career Panel later today; Thanks to Christine Nattrass

☐ + Review the LHC experimental & accelerator program, view from
Washington, US-CERN Relations;

☐ Discussion of issues that affect US LHC users at home & abroad

☐ Annual HEP Visits to Washington DC: 2018 will be our 11th Annual Trip
3/2008, 4/2009, 2/2010, 4/2011, 3/2012, 3/2013, 3/2014, 3/2015, 3/2016, 3/2017

☐ Coordinated with FNAL UEC, SLUO; DPF, DPB and URA

☐ 2017 LR Winners+ Joined Us; Some of our best spokespeople !

☐ October 2017 task force trip for FY18 budget: well-timed and effective

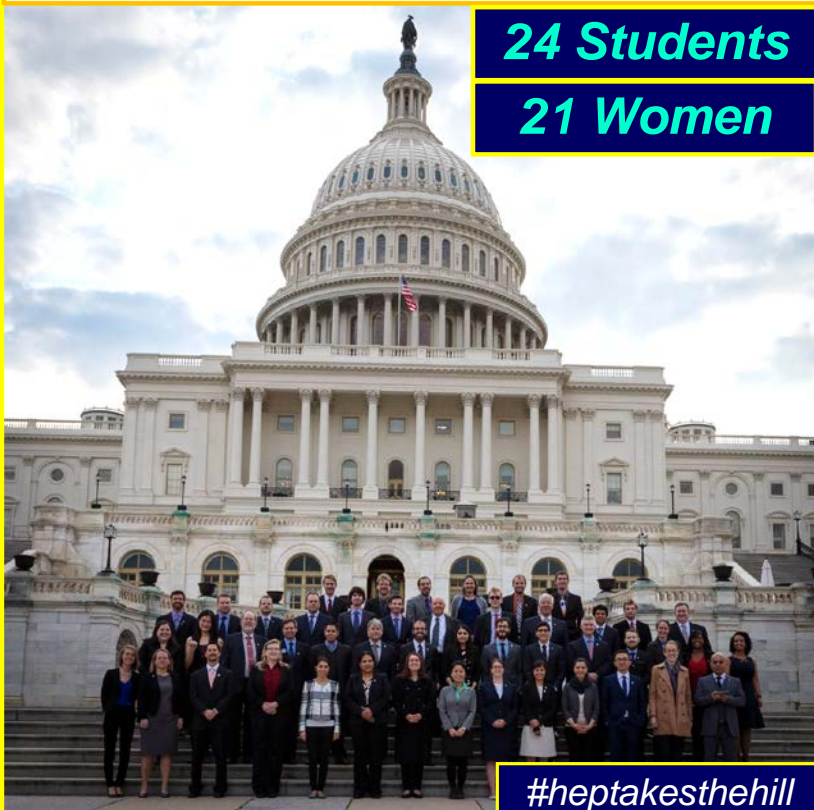
☐ Talk reviewing the 2017 Trips (March, October): Breese Quinn, Tomorrow



HEP DC Trip March 2017: 54 People, 20 from USLUA

350 Offices in Congress, Executive, Funding Agencies

Including Senate, House, NSF, DOE HQ, DOE Germantown, White House OSTP & OMB
Senate & House Appropriations Committees: CJS, Energy and Water; House SST: Energy, R&T; Senate Energy & NR: Energy; Senate CST: Science, Space and Competitiveness



24 Students

21 Women

#heptakesthehill



USLUA

1. Darin Acosta
 2. Jahred Adelman
 3. Yangyang Cheng
 4. Javier Duarte
 5. Sarah Demers
 6. Zeynep Demiragli
 7. Sergey Gleyzer
 8. Trey Holik
 9. Rachel Hynemann
 10. Mazin Khader
 11. William McCormack
 12. Sam Meehan
 13. Jessica Metcalfe
 14. Corrinne Mills
 15. Jane Nachtmann
 16. Harvey Newman
 17. Verena Outschoorn
 18. Sal Rappoccio
 19. Emanuele Ravaioli
 20. Brian Shuve
- 9 Lightning Round,
4 Invited, 7 US LUEC

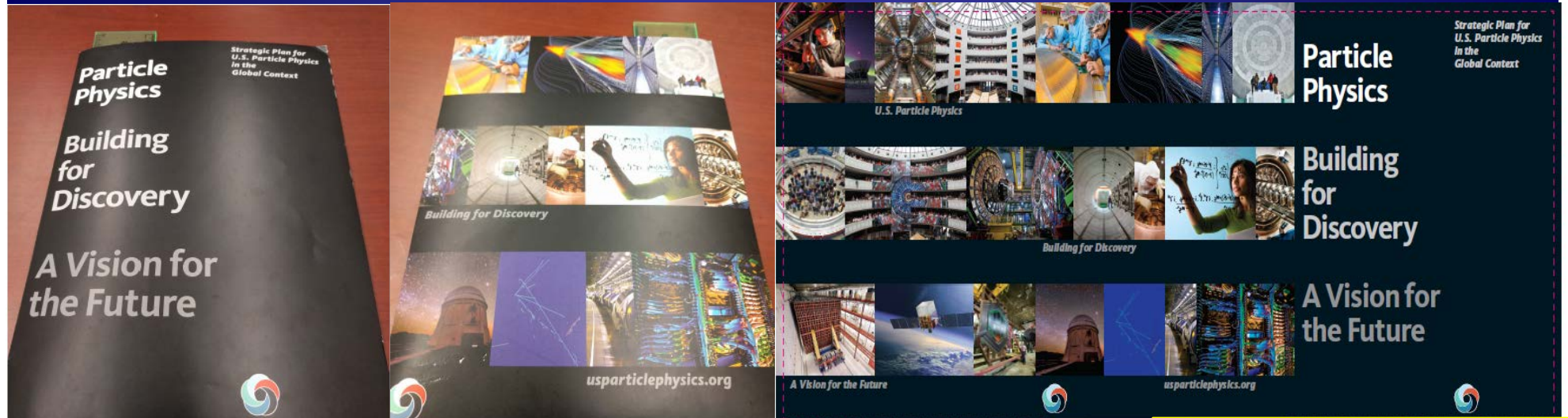
Special thanks: UEC: Louise Suter, Breese Quinn, SLUO: Andrea Albert, Mike Sokoloff; DPF: Marcela Carena

<http://www.fermilab-uec.org/mediaWiki/index.php?title=DC2017>



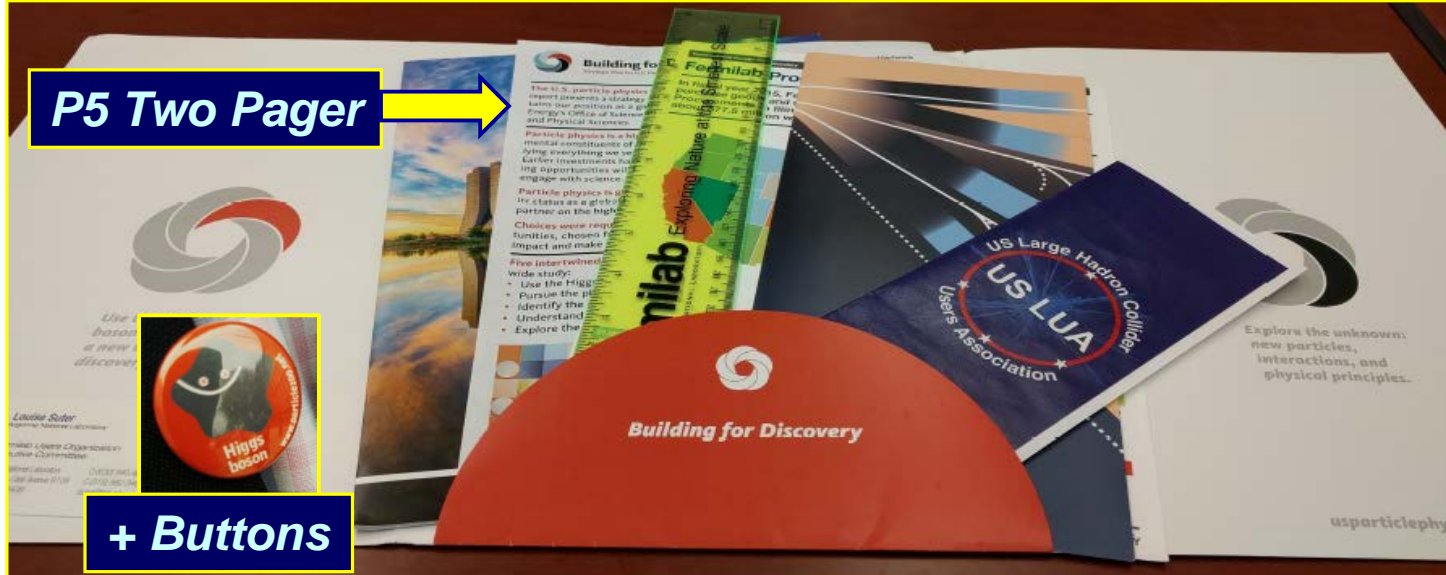
400+ Packets: Fueling the Conversation

New material: very positive feedback







A community effort. With thanks to usparticlephysics.org

P5 Two Pager



+ Buttons

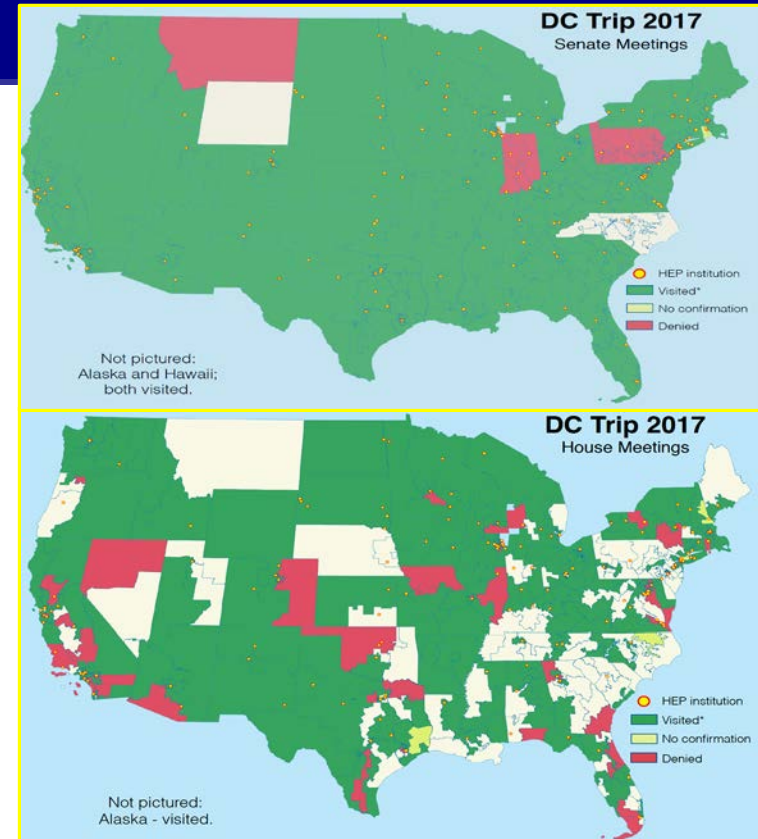
U.S. Particle Physics: Building for Discovery		
U.S. Particle Physics Strategy	Education and Outreach Site	
Discover		
U.S. particle physics strategy, recent advances, and top priorities		
	Building for Discovery: Strategic Plan for U.S. Particle Physics in the Global Context (P5 report)	8.7 MB
	Recent advances and top priorities (2017)	471 KB
Explore		
About U.S. particle physics and how it benefits all of us		
	Particle Physics is Discovery Science (Overview brochure about U.S. particle physics)	2.3 MB
	Particle Physics Makes a Difference In Your Life (Overview brochure about the benefits of particle physics research for society)	1.9 MB



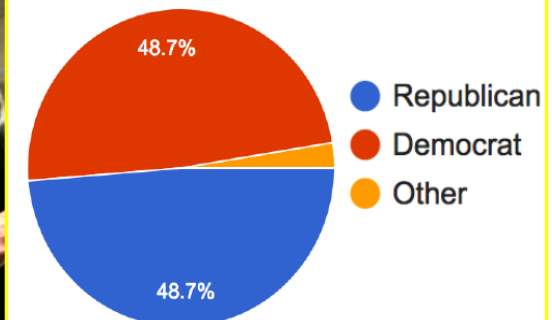
March 2017 DC Trip: Senate and House Coverage

- 78/100 Senators contacted; 69 Meetings scheduled (69%)
- 338/435 Congressmen contacted; 307 scheduled (70%)
- Meeting at OSTP (with OMB); at DOE HQ (Binkley)
- Friday with NSF, DOE
- Thanks to Breese Quinn: Met with All the 'Big 8' Approp. Subcommittees for the first time
- House: CJS, E&W, SST/Energy, SST/Research & Tech.
- Senate: CJS, E&W, Commerce, Science & Trans: Space, Science and Competitiveness

Snapshots: #heptakesthehill



Party of offices visited





Strategy for Success

With thanks to
Sal Rapoccio

- ❑ **Who we are:** 6000 scientists, engineers and technologists from 160 universities and laboratories working in the US and overseas
- ❑ **The Science we do is exciting;** drives innovation, and trains the workforce
 - ➔ Remind / inform them of previous and present successes
 - ➔ Tell them what is coming in the next 5-10 years
- ❑ **Don't make it political**
 - ➔ Strong bipartisan support for HEP (really)
 - ➔ The bills containing our budget passed unanimously in the House in 2017
- ❑ **We are succeeding: "On time and on budget"**
 - ➔ Say it Every. Single. Meeting.
 - ➔ We went through strong a community-wide planning exercise
 - ➔ We agreed on the priorities; made hard decisions about what to fund
 - ➔ Long term projects need sustained support to succeed
- ❑ **We need, are worthy of public funding**
 - ➔ There is no guaranteed return for the private sector; our goals are long term
- ❑ **We drive tomorrow's technologies,** but we cannot predict what they will be
- ❑ **They love the pins. Bring lots of pins. Don't forget the pins.**





HEP DC Trip October 2017: 7 person “Task Force” Targeting Key Offices and Committees

**Andrea Albert, Brian Nord, Yangyang Cheng,
Sarah Demers, Corrinne Mills, Breese Quinn, HN**

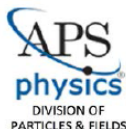
**Please support funding for
High Energy Physics in FY2018 by sponsoring:**

- **\$860M for High Energy Physics within the Department of Energy’s Office of Science in the Energy and Water Appropriations bill**
- **\$7.8B for the National Science Foundation in the Commerce, Justice, Science, and Related Agencies Appropriations bill**

These funding levels for high energy physics within the DOE Office of Science and the NSF are vital to maintain U.S. leadership in the field, to move forward with the world-class scientific projects of the P5 strategic plan, including the Large Hadron Collider and Long Baseline Neutrino Facility/Deep Underground Neutrino Experiment physics programs, and to meet scheduled commitments to our international partners.



October: Community Letter to the House Energy and Water Subcommittee



October 9, 2017

Chairman Mike Simpson
Subcommittee on Energy and
Water Development
Committee on Appropriations
2362-B Rayburn House Office Building
Washington, D.C. 20515

Ranking Member Marcy Kaptur
Subcommittee on Energy and
Water Development
Committee on Appropriations
1016 Longworth House Office
Washington, D.C. 20515

Dear Chairman Simpson and Ranking Member Kaptur:

We are writing on behalf of the U.S. community of approximately 6,000 scientists, engineers, and students from 160 universities and DOE national labs that conduct research on high energy physics. We wrote to you on May 31st to seek your support for robust funding in fiscal year 2018. We are contacting you again now to thank you for the strong support and continuity of funding that you provided in the House's 2018 Energy and Water Development appropriations bill.

As you negotiate a final Energy and Water bill, we ask that you provide \$860M for high energy physics, consistent with the Senate mark. The funding level of \$860M for high energy physics is vital to maintain U.S. leadership in this field and to move forward with the world-class scientific projects of the P5 strategic plan, including the Large Hadron Collider and the Long Baseline Neutrino Facility/Deep Underground Neutrino Experiment programs.

In addition, the \$860M funding level will advance and support world leading undertakings such as the next generation dark matter and dark energy experiments, as well as research in particle physics and accelerator science at U.S. universities and DOE national labs. Funding at this level will continue the stream of innovations that arises as we push the boundaries of technology development, from superconducting magnets, to accelerator-based medical treatment, to advanced scientific computing and quantum technologies. Such innovations contribute to the progress of our nation.

Enacting funding levels at \$860M will enable the ongoing and future success of U.S. leadership in high energy physics. We are grateful for your continued leadership in funding this important field of science.

Professor Marcela Carena
Chair Division of Particles and Fields
of the American Physical Society
Enrico Fermi Institute and Kavli Institute
for Cosmological Physics
Department of Physics
The University of Chicago
5460 Ellis Ave.
Chicago, IL 60637

Professor Sowjanya Gollapinni
Chair Fermilab Users Executive Committee
Department of Physics & Astronomy
University of Tennessee, Knoxville
1408 Circle Drive
Knoxville, TN 37996

Professor Harvey B Newman
Chair US LHC Users Executive Committee
Charles C. Lauritsen Laboratory of
High Energy Physics
Division of Physics, Mathematics and Astronomy
California Institute of Technology
1200 East California Boulevard
Pasadena, CA 91125

Dr. Nicola Omodei
Chair SLAC Users Organization Executive
Committee
Hansen Experimental Physics Laboratory and
Kavli Institute for Particle Astrophysics
and Cosmology
Stanford University
Stanford, CA 94035

**We Requested the \$ 860M
Senate Mark for FY2018
Highlighting the role of research
as well as our priority programs**



Community Letter to the Senate Energy and Water Subcommittee



Enacting funding levels at \$860M will enable the ongoing and future success of U.S. leadership in high energy physics. We are grateful for your continued leadership in funding this important field of science.

The funding level of \$860M for high energy physics is vital to maintain U.S. leadership in this field and to move forward with the world-class scientific projects of the P5 strategic plan, including the Large Hadron Collider and the Long Baseline Neutrino Facility/Deep Underground Neutrino Experiment programs.

In addition, the \$860M funding level will advance and support world leading undertakings such as the next generation dark matter and dark energy experiments, as well as research in particle physics and accelerator science at U.S. universities and DOE national labs. Funding at this level will continue the stream of innovations that arises as we push the boundaries of technology development, from superconducting magnets, to accelerator-based medical treatment, to advanced scientific computing and quantum technologies. Such innovations contribute to the progress of our nation.



The October DC Trip

Corrinne Mills

❑ Main takeaways

- ❑ Bipartisan support continues in spite of turbulent political times
- ❑ Always a challenge to balance trying to share a bit of the science with talking about the P5 narrative and the Ask
- ❑ Personally, this is my third trip and I felt like I finally understood enough of the budget process to be useful
- ❑ Feel of the trip was different from March: more message/budget focused and less about covering as much ground as possible
- ❑ It was a privilege and a pleasure to be part of our small “strike force”

❑ Interesting meetings

- ❑ South Dakota delegation are major supporters (I'm sure they have been for a while, but this was my first visit to their offices)

❑ Things to do better

- ❑ There is value in having veterans of multiple trips. We should be sure to support this in addition to bringing lots of enthusiastic students and postdocs
- ❑ Better training for newcomers about exactly which committees and appropriations bills we need to follow
- ❑ The google cardboard thing could be a lot of fun but we need to train people with it, and figure how to work it into the conversation.





US LHA **Activities (2):** Helping the US Community Adapt to Work at CERN and Life in the Region

- ❑ **Quality of Life Committee:** Usha Mallik, Chair
 - We have get-togethers of students and young postdocs at CERN. Success: ~250 at these parties. Spokespeople, DG, Ombuds, key staff as speakers
 - ➔ Great Support from US ATLAS, US CMS, R1, Audiovisual, and some great volunteers !
- ❑ We provide Information everyday important issues: starting work at the lab, hostels; health insurance, visas, taxes, hostels, time management, careers, etc.
 - See Darin Acosta's New Student Orientation Guide: <https://www.dropbox.com/s/xl2cbiak035vaye/NewStudentOrientationAtCERN.pdf?dl=0>
 - A comprehensive website will be set up in 2018.
- ❑ A Young Volunteers' Group has been set up by the QOL Committee (thanks Usha !). It meets periodically with newcomers + other young people to answer their questions
- ❑ We help them when and where needed to solve problems, and/or refer them to appropriate people to get help while respecting their privacy.
- ❑ We have helped some graduate students first hand who were having problems, and have worked with ACCU to improve the handling of such cases at CERN





US LHA Activities (3)

- ❑ In 2015 we Launched Our Website www.uslua.org:
 - ❑ Thanks to Tulika Bose and Gordon Watts
 - ❑ Links to Useful Information: New Student Orientation Guide, Newcomers Guides
- ➔ *We are On Facebook and Twitter:*
Thanks to Toyoko Orimoto and Tulika
- ❑ Outreach about the LHC Program
 - ❑ At National Events (more follows); During VIP Visits to CERN
 - ❑ Working actively with the US LHC Ops Program, US LHC Communications
- ❑ **Media Training:** how to talk to Congress, the public, media
Thanks to Sarah Charley: Sessions are available on request at CERN this Fall and Winter;
These are useful for the Annual DC Trip, and on other occasions
- ❑ **Considering:** Partial support for young people going to conferences, including in other fields – *when funds are available*



Visit www.uslua.org
Thanks to Tulika Bose and Gordon Watts

[Home](#) [US LUA Registration](#) [Articles and Bylaws](#) [Relocation Guide for CERN](#)

[Executive Committee](#) [News Archive](#) [Meeting Archive](#) [Purpose and Structure](#)



About US LUA

An introduction to the US LUA – [a letter from the Chair](#).

Purpose and Structure

The US LHC Users Association (US LUA) is composed of scientists and engineers who carry out research and development using the Large Hadron Collider experiments and accelerator systems. These include people based at CERN and those working mainly from their home institutions. The purpose of USLUA is to provide a forum for discussions of

Search the US LUA:

Follow us

[Facebook](#)

[Twitter](#)

Member Login

New Student Orientation to CERN

Darin Acosta

Relocation Guide for CERN

Introduction

This page has been created for the US LHC Users Association by Tony Liss. It draws heavily on the extremely informative ATLAS "Coming to CERN" page created by Alexia Leyval. Thanks Alexia!

There are many other sources of helpful information. An excellent website is the [Newcomer Welcome Center](#). See also the USCMS Twiki. Feedback and recent information are always welcome.

Orientation to CERN

Here is an [orientation presentation](#) for members of your group who are moving to or visiting CERN. This is based on a presentation given regularly at Duke and modified by ACCU and USLUA Exec Committee member Darin Acosta. Please let us know if you have updates or corrections, as information changes, though we will try to keep the info here current.

Visiting CERN – banking

For anyone visiting CERN short-term, as well as those in the process of moving here longer-term, there is a [useful comparison here](#) (done in October 2011) about ATM cards, credit cards, fees, and exchange rates.

Before coming to CERN

The [CERN Bulletin](#) from 20 September 2010 describes the visa situation for CERN visitors.

This has some further [information about VISAS](#) for France and Switzerland.

Upon Arrival

Transport, registration at CERN, computing accounts

Housing

Short- and long-term accommodation, resources for furniture, cleaning, etc.

Transportation

Public transportation, car rental and purchase, licenses, insurance

Health

Emergencies, hospitals, insurance

Darin Acosta's Newcomer's Guide:
[https://www.dropbox.com/s/xl2cbiak035vaye/
NewStudentOrientationAtCERN.pdf?dl=0](https://www.dropbox.com/s/xl2cbiak035vaye/NewStudentOrientationAtCERN.pdf?dl=0)



Newcomers Guides

www.uslua.org

THE WELCOME CENTER

Home

activities & travel

before you arrive

children

culture

dining

finance & legal

health

housing & telephone

jobs & tips for spouses

language & education

news & information

shopping & services

transportation & mobility

visas & identification

what's on

<http://newcomerwelcomecenter.weebly.co> 



WELCOME TO OUR RESOURCE GUIDE

This site is dedicated to those of you who are new to CERN or have not yet arrived. All of us expats went through the "newcomer" experience. We created this site hoping to make your transition easier. We found every bit of this information invaluable, and hope this guide on how to "survive and thrive" will help you integrate.

Thanks to those who make the site more useful to us all by sending us any information that you feel is missing, or any tips that you would like to share with this community.

Other Valuable Resources

from the US CMS and US ATLAS Program Offices

<https://twiki.cern.ch/twiki/bin/view/Main/USCMSProjectOfficeCERN>

<http://www.usatlas.bnl.gov/twiki/bin/view/Support/CERNVisitorInfo>

Newcomers Guide

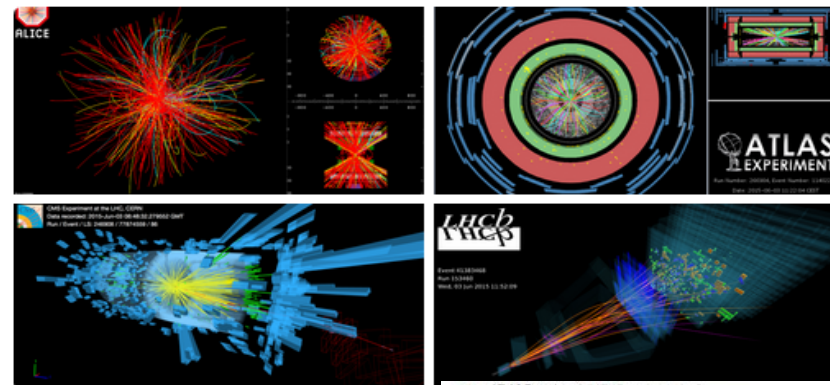
How to Survive and Thrive

- ➔ At CERN
- ➔ In Switzerland
- ➔ In France
- ➔ Visas, permits
- ➔ Health (Insurance, Emergency Contacts)
- ➔ Getting a Bank Acct.
- ➔ Exchange Rates
- ➔ Childcare
- ➔ Finding Housing
- ➔ Finances & Taxes
- ➔ Jobs: Pointers, Hints
- ➔ Internet, Telephone
- ➔ Schools
- ➔ Buying a Car
- ➔ Shopping
- ➔ Transport, Mobility
- ➔ Learning French
- ➔ Culture, Dining
- ★ Whole Experience



The LHC experiments are back in business with record energy collisions of #13TeV: cern.ch/go/D7z6

 CERN, CERN en français, ALICE Experiment and 5 others



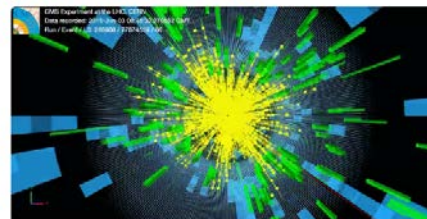
863 571



Watch the highlights from today's #1:
youtube.com/watch?v=fdjwrm...



CMS Experiment CERN @CMSexperiment Jun 3
And we have animations as well! YouTube link for high-res video:
[#13TeV](https://youtube.com/watch?v=uemulz...)



2:19 AM - 3 Jun 2015 - Details



 CMS Experiment CERN @CMSExperiment [Join](#)
#nocaptionneeded #13TeV #stablebeams



US LHC Users Assoc Retweeted

CERN @CERN · Jun 3
The LHC is back in business! Welcome to physics at #13TeV



US LHA Activities (4): National and International Events

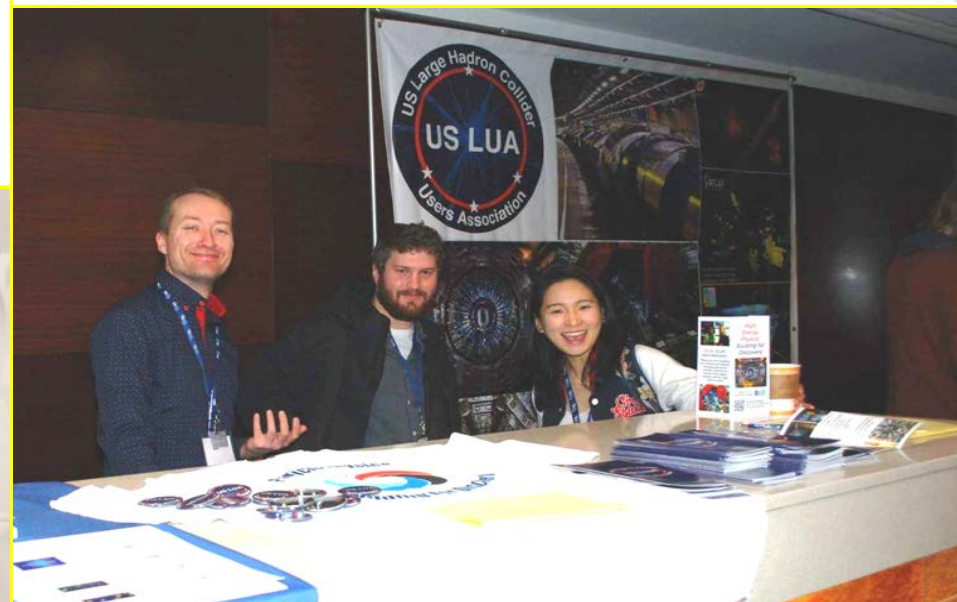
- ❑ Our US LHA Booth at ICHEP ➡
- ❑ Visited by hundreds of attendees
- ❑ Tee Shirts (Raffle), Brochures, Postcards and Buttons
- ❑ Thanks to David Miller, Toyoko Orimoto, Verena Martinez, Corrinne Mills
- ❑ US LHA Booth in 2017
Quark Matter Conference
in February 2017 !
(Nuclear Physics)
- ❑ Considering a Booth at the
“April” 2018 APS Meeting





US LHA National and International Events: Quark Matter 2017

- ❑ Our US LHA Booth at Quark Matter 2017 ➡
- ❑ Visited by hundreds of attendees
- ❑ Tee Shirts, Brochures, Postcards and Buttons
- ❑ Many thanks to Charles Hughes, Adam Matyja, Will Witt, Andy Castro, Chad Flores, and Deepa Thomas who manned the booth; Soren Sorenson, Ken Read, Biswas Sharma; and especially Christine Nattrass !



USA SCIENCE & ENGINEERING FESTIVAL
FREE EXPO: APRIL 16 & 17, 2016
STEM APRIL 14 | **SNEAK PEEK FRIDAY** APRIL 15
WALTER E. WASHINGTON CONVENTION CENTER - WASHINGTON D.C.

FOUNDING & PRESENTING HOST: **LOCKHEED MARTIN**

HOME ABOUT 2016 FESTIVAL VOLUNTEER SCHOOL PROGRAMS AFFILIATE EVENTS NEWSROOM EXHIBITORS SIGN-UP FOR NEWSLETTER

USA Science & Engineering Festival in DC: the largest STEM education event

<http://usasciencefestival.org>

An ideal forum to educate the public, and show our science!

- ❑ **Over 300 Schools, 750 STEM organizations**
- ❑ **More than 365,000 visitors over 4 days**
- ❑ **Dozens of Congressmen, dignitaries; heads of state**

US LUA Booth in 2016: Separate but “linked” to JHU and Fermilab booths; thanks to Andrei Gritsan, Randy Ruchti for help and advice

With thanks to the heroic efforts of Julia Thom (Cornell) and her students, and Ilija Vukotic for the ATLAS Rift !

USLUA in 2014 joined the existing Fermilab exhibit: Higgs event display, games, CR detector; staffed booth with young LHC scientists.

**The Next Festival will be April 7-8 2018
We will contact you to sign up !**



US LUA Budgets and **Fund Raising**

- ❑ **We up our HQ in DC Collocated with URA HQ when our 501(c)3 tax exempt status application was submitted to the IRS in May 2013**
- ❑ **URA has been very accommodating: Many thanks to Marta Cehelsky**
 - ➔ **We have received excellent staff support, financial and legal advice: from the URA CFO, General Counsel, legal contacts**
 - ★ **The clock on staff time charges has not been started.**
- ❑ ***We will need your support in 2017-18***
- ❑ **Funding from the lab directors (\$ 20-25k per tranche) forms the core, but is *not* for lobbying**
- ❑ **The rest must come from the annual meeting fee remainder, Institutional or individual donations: Donate at <http://www.uslua.org/outreach/donate>**
 - ➔ **Request donations per group: \$ 1k/year (\$ 500/year for small groups) per university (or your department or faculty discretionary fund)**
 - ➔ **Individual contributions are welcome.**
- ❑ **Goal: \$ 55k or more per year, including URA staff support**

US LUA



We have come a long way;
we have a long way to go.
We will need your support.

If your group members or colleagues involved
in the LHC Program are not already US LUA
Members, **ask them to please sign up at**
www.uslua.org

US LHC Users Association

Annual US LUA Meeting 2017

Careers Session Thursday Afternoon



Meghan Anzelc, Ph.D. VP Data and Analytics, AXIS Insurance

Meghan Anzelc is the Vice President of Data and Analytics for AXIS Insurance, a business segment of AXIS Capital Holdings Ltd (NYSE: AXS). In this new role, Dr. Anzelc is responsible for developing and executing the strategy and roadmap for data and analytics within the Company's Insurance segment. Prior to joining AXIS, Dr. Anzelc was Vice President, Lead Data Scientist, for Zurich North America, where she led predictive analytics projects across underwriting and claims. She has also held actuarial and analytics roles at CNA and Travelers.

Dr. Anzelc holds a Bachelor's degree in physics from Loyola University Chicago and a Masters and Ph.D. in physics from Northwestern. She regularly participates in initiatives focused on providing relevant guidance on career planning and professional development, to insurance professionals, graduate students and post-doctoral scholars in the sciences and math. She is a member of the Steering Committee for the Women in Insurance Networking Group.



Tom Carter, Ph.D. Chair, Physics Discipline, College of DuPage

Tom Carter is the chair of the physics discipline at the College of Dupage, the community college which serves the area just east of Fermilab. He is also one of the co-mentors for Fermilab's QuarkNet group which involves high school teachers and students in projects using particle physics data and cosmic ray detectors. Tom was a graduate student on E-735 which vainly searched for signs of quark-gluon plasma during the Fermilab collider's first engineering run. He was a post-doc on fixed target experiment E-791 back in the days when charm was considered a "heavy quark". After his post-doc he was a member of the lab's computing division and later worked in telecommunications. Prior to going to graduate school, he served in the US Navy as a diver and engineer.

Dr. Carter holds a Bachelor's degree in civil engineering from the Missouri University of Science and Technology and a Ph.D. in physics from Duke University. He is a member of the American Physical Society, the American Association of Physics Teachers and the American Association for the Advancement of Science. Along with his work in particle physics, he has published and given presentations on physics education research (PER).



Alice Bridgeman, Ph.D. Data Science Director at Kemper

Alice Bridgeman is a director in the data science group at Kemper Insurance. The data science group is responsible for all data analysis and predictive modeling efforts across many business units. She has focused on growing and maintaining the personal automobile and homeowners business through a combination of risk modeling and tool building. As a manager she also devotes significant time to establishing best practices and training the next generation of data scientists. Alice completed her graduate work as a member of the CDF collaboration in 2008. She spent 2 years as a postdoc in the High Energy Physics Division at Argonne National lab before moving to industry. She has worked as a data scientist in the personal insurance industry for 8 years.