

UEC Report

49th Annual Users Meeting

William Louis, June 15, 2016

49th Fermilab Users Meeting

June 15-16, 2016
Ramsey Auditorium, Fermilab

This meeting is the opportunity for Fermilab Users and Employees to discuss the newest physics results from the laboratory's experimental and theory programs, exciting new future initiatives at the lab, and thoughtful presentations from leaders of the scientific policy community.

Information and registration
http://orgs.fnal.gov/fermilab_users_org/users_mtg/2016/

Graduate Student Poster Session and Banquet
Atrium - June 15 @ 6 pm

Public Lecture by Barry C. Barish, Caltech
Ramsey Auditorium - June 15 @ 8 pm

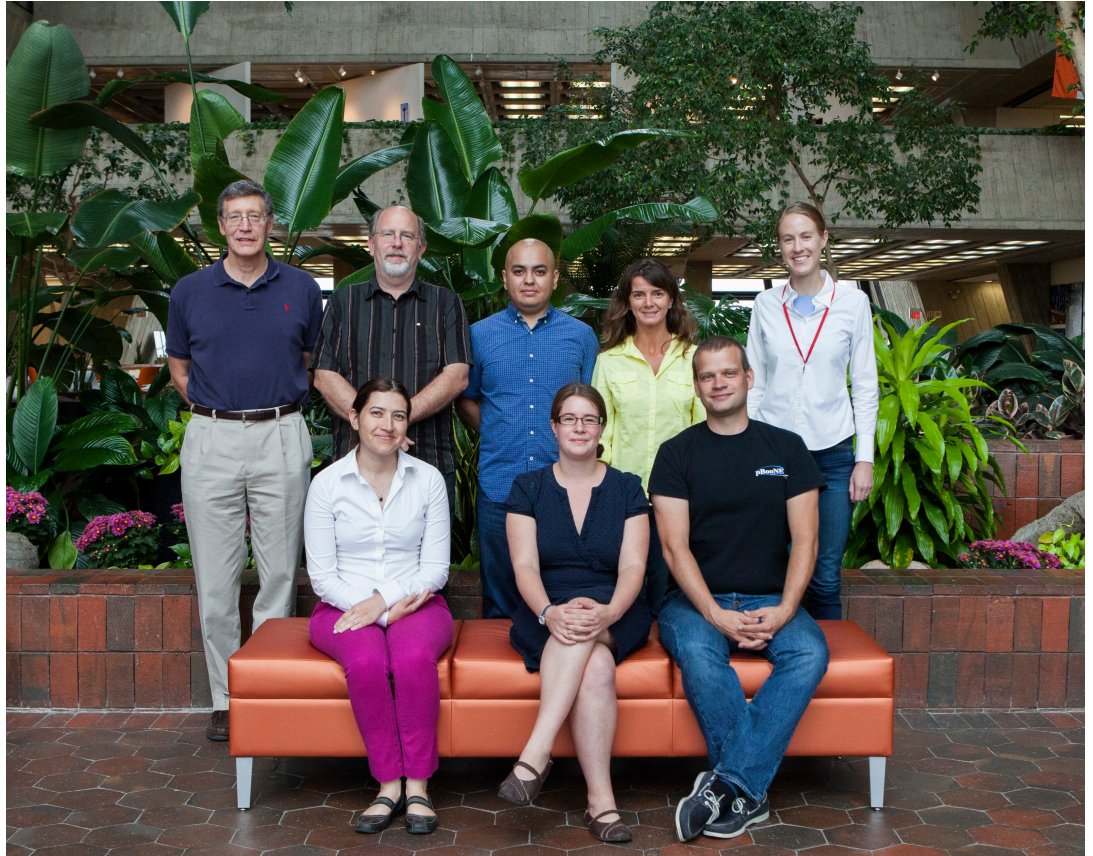
Vendor Exhibition
Atrium - For the duration of the event



2015-2016 Users Executive Committee

Minerba Betancourt
Fernanda Garcia
Fabio Happacher
Georgia Karagiorgi
Ed Kearns
Sarah Lockwitz
Bill Louis
Jesus Orduna
Eric Prebys
Linda Spentzouris
Thomas Strauss
Louise Suter



Secretary: Spentzouris

Web Site: Garcia, Betancourt, Lockwitz

Government Committee: Orduna (chair), Suter (deputy), Garcia, Happacher, Karagiorgi, Kearns, Prebys, Strauss, Spentzouris

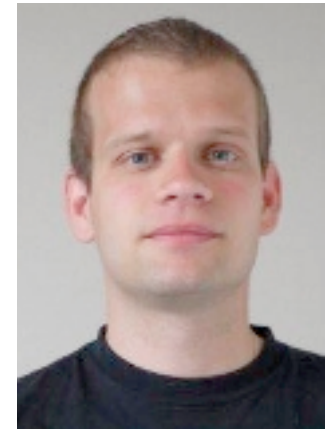
Users Meeting Committee: Strauss (chair), Lockwitz (deputy), Betancourt, Happacher, Kearns, Orduna, Suter

Quality of Life Committee: Happacher (chair), Betancourt (deputy), Garcia, Karagiorgi, Lockwitz, Prebys, Strauss

Users Meeting Committee

Thomas Strauss (Chair) & Sarah Lockwitz (Deputy)

- Special thanks to the Directorate, Melody Saperston, Joy Pomillo, Diana Brandonisio, Cindy Arnold, Kim Pearce, ... for making the Users Meeting a reality!
- 467 registrants as of 6/13/16
- Vendor Exhibits are a new feature to the Users Meeting – better coffee, better banquet, better program book, etc.
- Public Lecture tonight by Barry Barish, following the Banquet & Poster Session
- There will be an “end-of-MINOS” reception tomorrow afternoon in the Atrium.



Thanks to Our Corporate Exhibitors!

Vendor Exhibits are a new feature to the Users Meeting - better coffee, better banquet, better program book, etc.

Aerotech

Agilent - Vacuum Division

Agilent - Molecular Division

Airgas

Attocube Systems, Inc.

BellowsTech

CAEN Technologies

Continuum

Eljen Technologies

Hartmann Electronic

IMAC Motion Control

Kurt J. Lesker & Co

Lakeshore Cryotronics

Midwest Vacuum

Muons, Inc.

National Instruments

TDK Lamda - Americas High Power Division

Teledyne LeCroy

W-IE-NE-R Plein & Baus Corporation

Quality of Life Committee

UEC - Fabio Happacher (Chair) & Minerba Betancourt (Deputy)

FSPA

Tim Meyer & Griselda Lopez



- Off-site Housing Pilot Program this summer with Candlewood Suites
- More desk space for users & WH Renovations
- Move Users Office to ground floor of WH
- Increased staffing in Users Office for international visitors
- Users Center Renewal
- Better water quality availability in the village

New Dining Options at the Users Center



Better Water Quality

A bulk water vending machine is now installed at the Vending Building at 18 Sauk in the Fermilab Village. The water delivered from this machine is treated with an **activated carbon filter**, a **micron filter**, a **reverse osmosis membrane**, a **post carbon filter**, and **ultra violet light**. One gallon costs 40 cents (\$0.40).



Government Committee

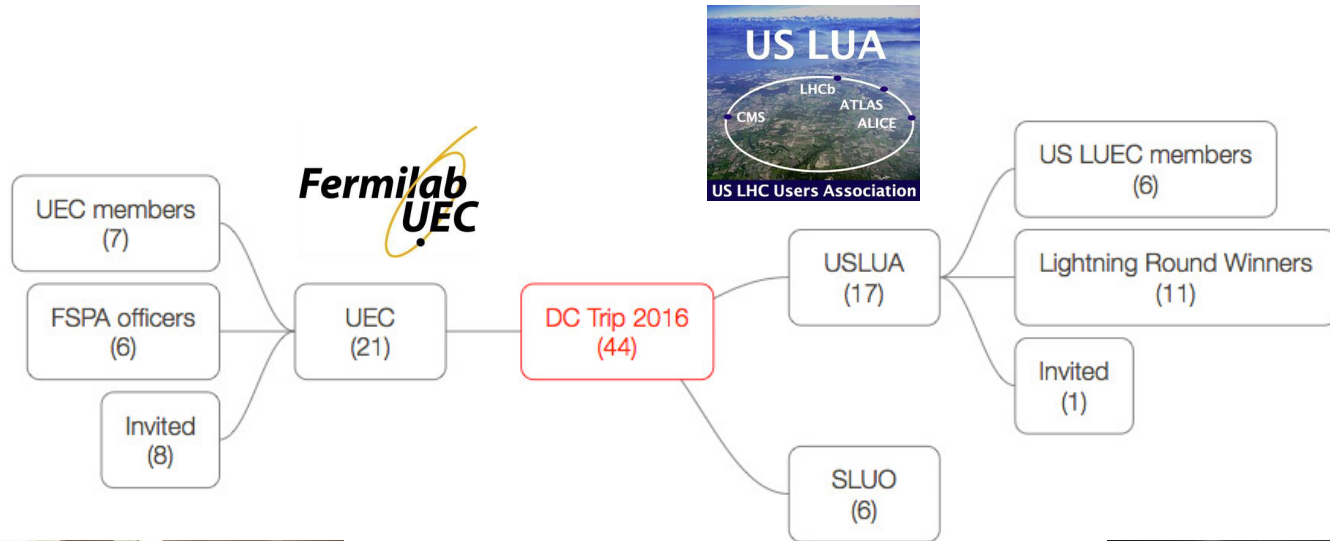
- Jesus Orduna, Chair
- Louise Suter, Deputy Chair



DC TRIP 2016



DC Trip 2016



49th Users Meeting

DC Trip 2016

	mass →	+2/3 GeV/c ²	+1.275 GeV/c ²	+173.207 GeV/c ²	0	+126 GeV/c ²
charge →	2/3	2/3	2/3	0	0	0
spin →	1/2	1/2	1/2	1	0	0
	u	c	t	g	H	
	up	charm	top	gluon	Higgs boson	
QUARKS						
	+4.8 MeV/c ²	+45 MeV/c ²	+4.18 GeV/c ²	0	0	0
	2/3	-1/3	2/3	0	0	0
	1/2	1/2	1/2	1	1	1
	d	s	b	γ		
	down	strange	bottom	photon		
LEPTONS						
	0.511 MeV/c ²	105.7 MeV/c ²	1.777 GeV/c ²			
	-1	-1	0			
	1/2	1/2	1/2			
	e	μ				
	electron	muon				
	0.22 eV/c ²	0	+0.17 MeV/c ²			
	0	0	0			
	1/2	1/2	1/2			
	ν_e	ν_μ				
	electron neutrino	muon neutrino				



March 15-18

44 HEP physicists

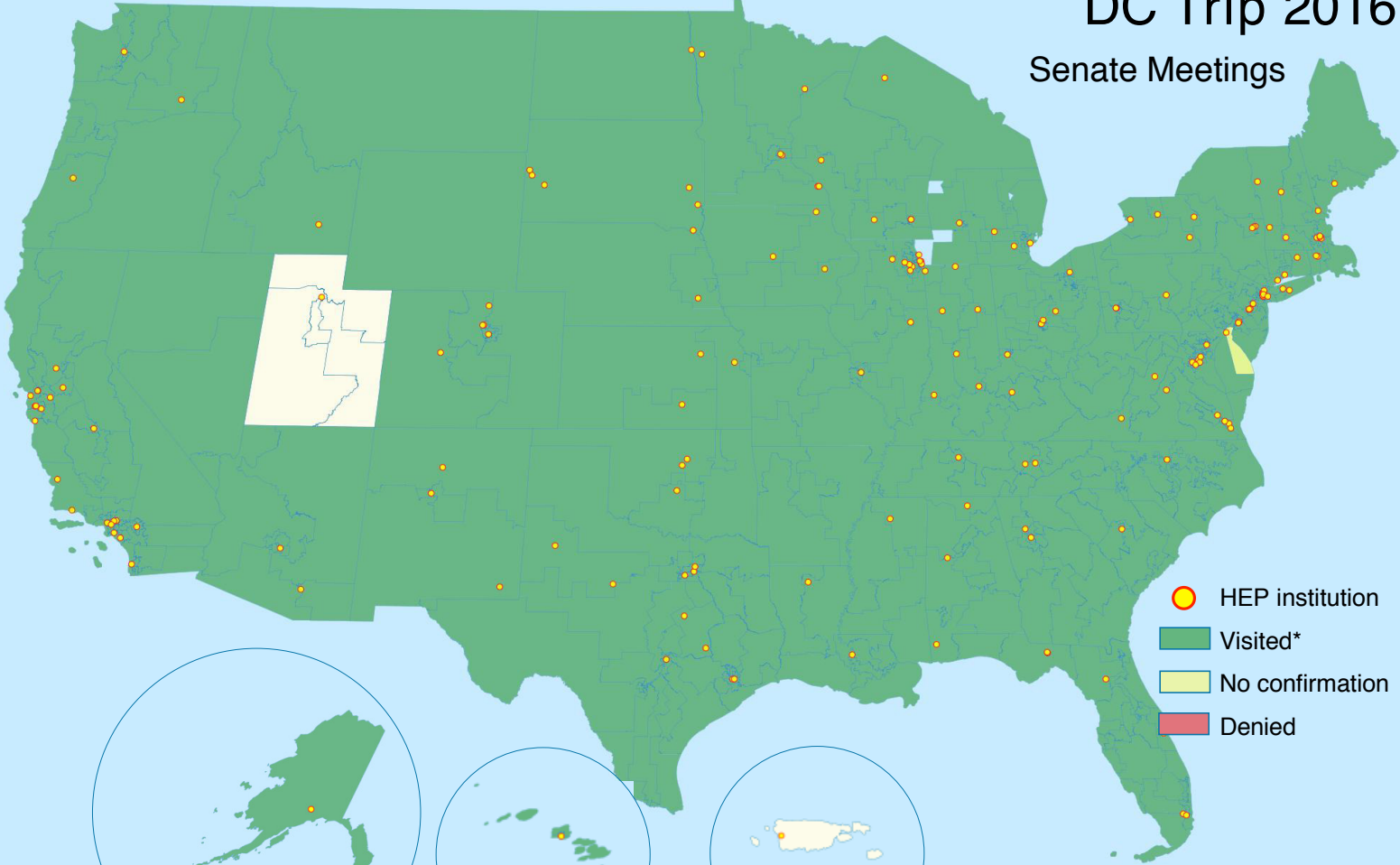
Covered:

- 337 Congressional offices
- DOE HQ, Pat Dehmer
- DOE Germantown, Jim Siegrist
- OMB, Tali Bar-Shalom
- OSTP, Altaf Carim
- NSF, Saul Gonzalez

Breese Quinn set a UEC record of 34 Congressional Visits!

DC Trip 2016

Senate Meetings



- HEP institution
- Visited*
- No confirmation
- Denied

* one or two Senators

Special Thanks

URA

Marta Cehelsky

Lewis-Burke

Leland Cogliani

Users Organizations

Andrea Albert and Harvey Newman

Rob Fine and all FSPA Officers

Fermilab Office of Communication

Katie Yurkewicz

Fermilab Users Office

Kim Pearce

Accelerators Brochures

Stephen Milton

UEC Elections

UEC elections are planned for July, & there is a call for nominations to fill 6 vacancies (2 year terms). Information about the UEC (and a link to the Nomination Form) can be found on the UEC Web page:

www.fnal.gov/orgs/fermilab_users_org.



**Please consider
joining!**

**FERMILAB USERS EXECUTIVE COMMITTEE
NOMINATION FORM**

The undersigned members of the Fermilab Users Organization

NAME:

SIGNATURE:

EMAIL:

INSTITUTION/PROJECT:

For membership on the Users Executive Committee. He / She has indicated a willingness to serve as indicated by signature. This form should be received to the Users Office, MS 103 Batavia, IL 60510 **July 8, 2016 Deadline**

NAME:

SIGNATURE:

- | | | |
|------|-------|-------|
| 1.) | _____ | _____ |
| 2.) | _____ | _____ |
| 3.) | _____ | _____ |
| 4.) | _____ | _____ |
| 5.) | _____ | _____ |
| 6.) | _____ | _____ |
| 7.) | _____ | _____ |
| 8.) | _____ | _____ |
| 9.) | _____ | _____ |
| 10.) | _____ | _____ |