



Intro to the LPC

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LPC Coordinators



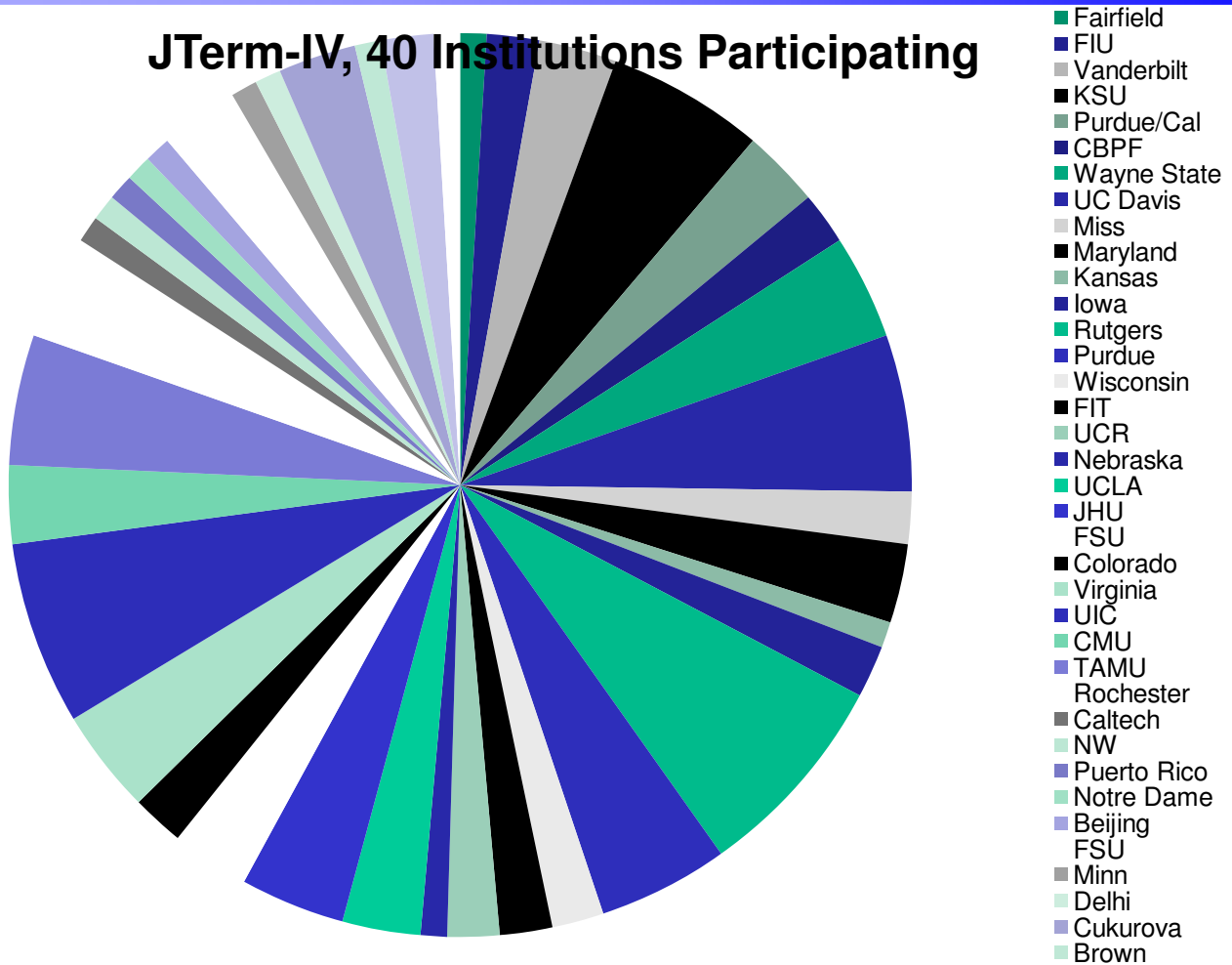
The Tutorials Were Well Attended





Registration by University

JTerm-IV, 40 Institutions Participating

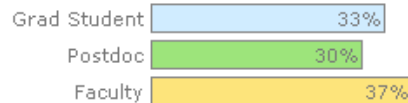


There was a broad representation of US CMS groups

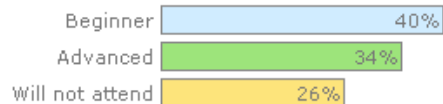


Registration Results

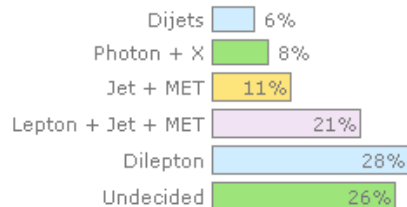
* 6. Are you a ?



* 7. Which tutorial session will you attend ?



* 8. Which Topological Physics Groups are you interested in ? You can select more than one



Good mix of registrants – 2/3 are GS+PD. We will use the registration file to e-mail you the group photo and to query you on how we can improve the JTerm format.

In turn, you should think about which LPC groups, if any, you want to start to work with.



LPC Groups

US CMS LPC AB

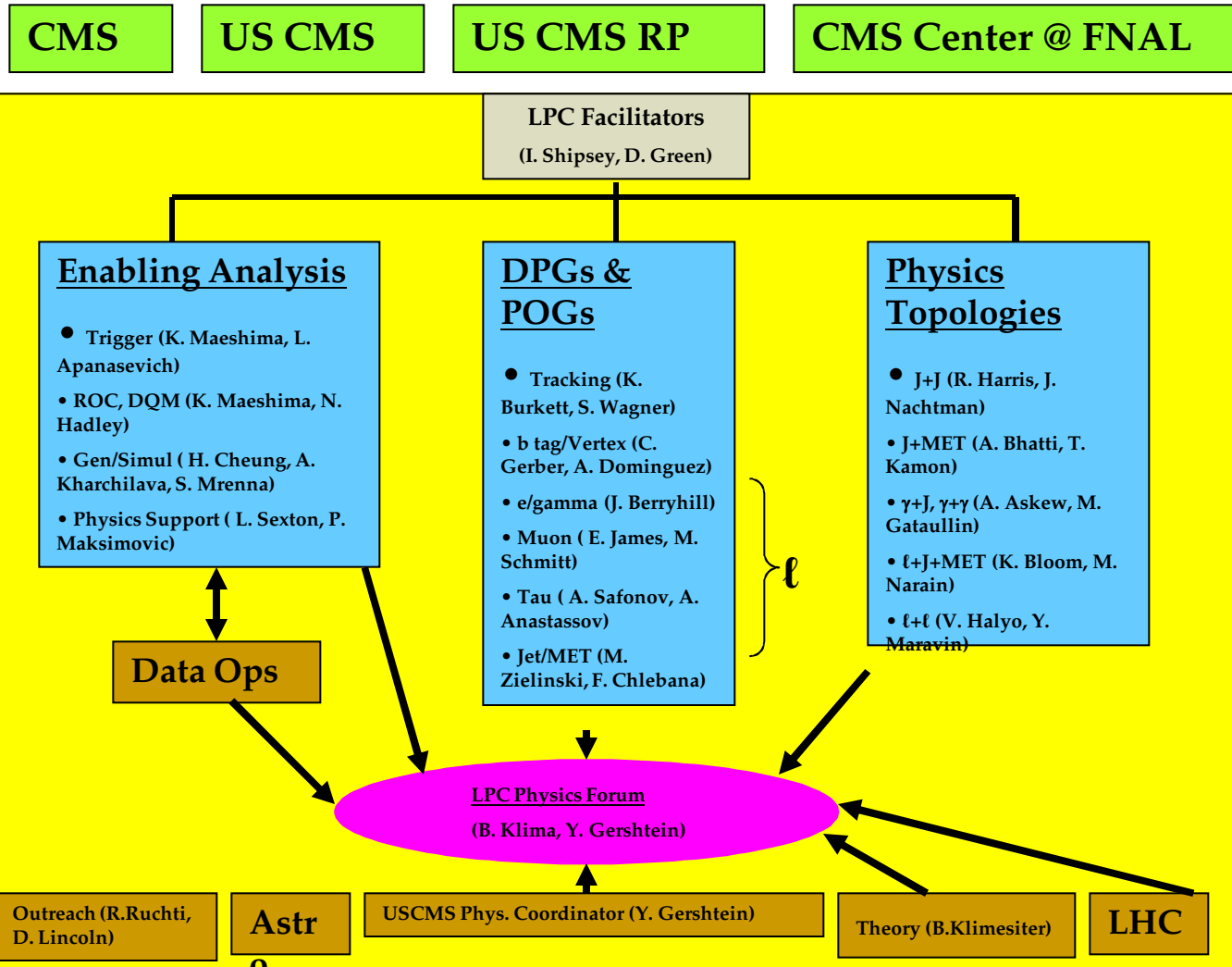
- G&V
- Fellows
- Housing
- Offices

Legend

Stakeholders

Working
groups

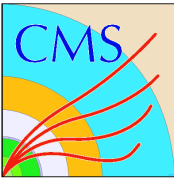
Points of
contact





What the LPC Offers

- **G&V Support with possible housing at FNAL**
- **Offices, video rooms, secretarial support**
- **SW experts – sim, gen, tools (Physics Support Group)**
- **Detector Experts – fpix, TOb, HCAL, ME -→**
 - **tracks, b tags, e/photon, muon, tau, jet, MET**
- **ROC – take shifts, data ops – shifts**
- **LPC CAF – all T1 FNAL data on disk, 1 TB space**
- **Signature groups – best search method at the start.**
- **Mentors and experts – “want the mean free path to solve any problem to be a few LPC offices away”**
- **LPC forum – physics practice talks in a firendly atmosphere**
- **Theory – in house FNAL group plus an LPC hosted visiting theorist program.**
- **Perhaps most importantly, a “community” of experienced physicists (CDF/D0) to mentor a group of dedicated younger physicists working synergistically together to get to great new Physics.**



Learn More – LPC Site

There are many links and resources at the LPC site. Look around and join in on the next great adventure in HEP.

USCMS
THE COMPACT MUON SOLENOID

Search

[uscms.org](#) [uscms.fnal.gov](#) [www](#)

- U.S. CMS Home
- U.S. CMS @ Work
- LPC**
- LPC Calendar
- LPC Support
- LPC Communications
- Links
- LPC Documents

LPC Support

The LPC provides support in a number of areas, for newcomers and those visiting or based at the LPC. Please refer to the links in this section for any support you need.

In This Section

- [Getting Started / Office Map](#)
- [Secretarial](#)
- [Desktop](#)
- [Remote Ops](#)
- [LPC Computing](#)
- [LPC Housing](#)
- [LPC Guests and Visitors](#)
- [US CMS Jobs](#)
- [Tips on Moving to CERN](#)

LPC Mission Statement:

The LHC Physics Center (LPC) at FNAL was created so the USCMS community can provide the maximum possible service to the CMS experiment. Our goal is to ensure that those physicists who must reside inside the United States can still contribute optimally to the many tasks required for the CMS experiment to produce physics and be full members of the CMS team. The components of the LPC are:

- A "brick and mortar" location for CMS physicists to find experts on all aspects of data analysis, particle ID, software, and event processing within the US, working during hours convenient for U.S.-based physicists.
- A center of physics excellence within the US for LHC physics.
- A place for workshops/conferences/gatherings on LHC physics.
- A place for the training of graduate and postgraduate scientists.
- A center for the development of software and physics analysis in the U.S.
- A "remote operations center" that CMS physicists can use to participate in data taking and quality control for the CMS experiment in the U.S.
- A tool to help provide a graceful transition between the Tevatron and LHC experiments for those physicists participating in both, maximizing the manpower available to each during the transition time.