

New Perspectives 2014

Final Recap

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New Perspectives 2014

June 9-10, 2014

Fermilab

Talks by students and postdocs, June 9-10

Kuhn Barn BBQ, June 10

Poster session, June 11

Information and registration

www.fnal.gov/orgs/gsa/new_perspectives/





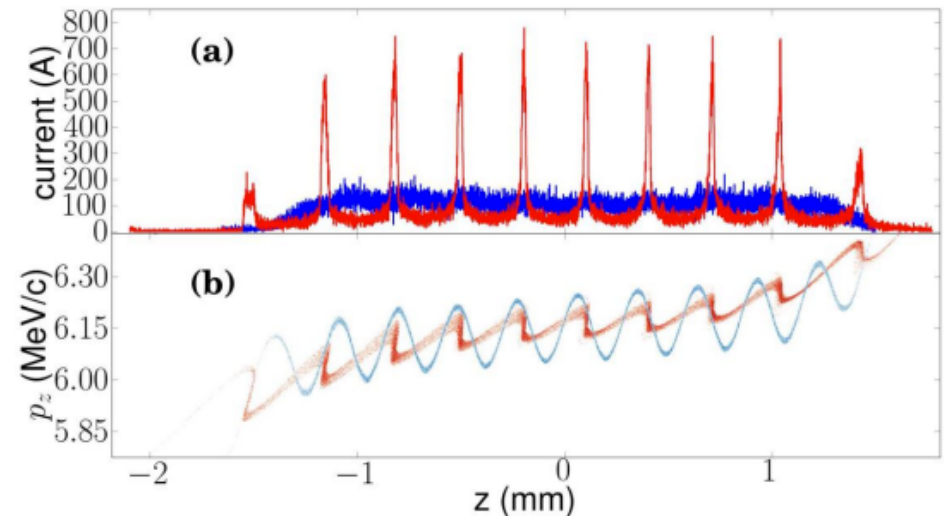
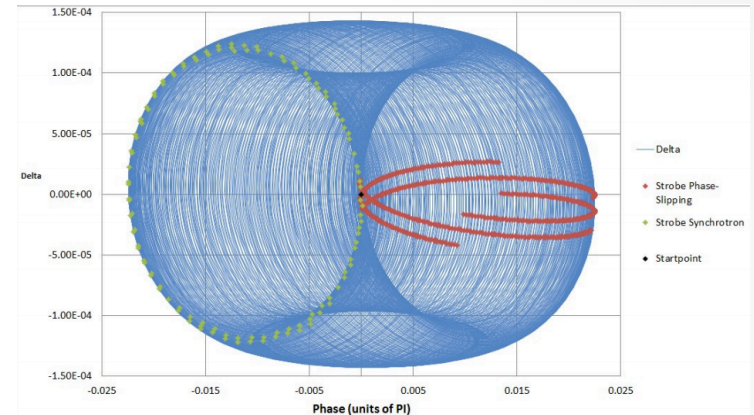
Great coverage of work at the lab

- **17 talks** over two days covering all areas of work at the lab
- Accelerator physics
 - Slip stacking and wakefields
- Muon physics
 - g-2
 - Mu2e
- Collider physics
 - 3 CMS physics covering BSM, electroweak, b-physics
 - 3 CMS detector talks covering pixel upgrade and GFLash
- Neutrino physics
 - 2 NOvA
 - 1 MINOS
 - 1 LArIAT
 - 1 Phenomenology talk



Accelerator physics

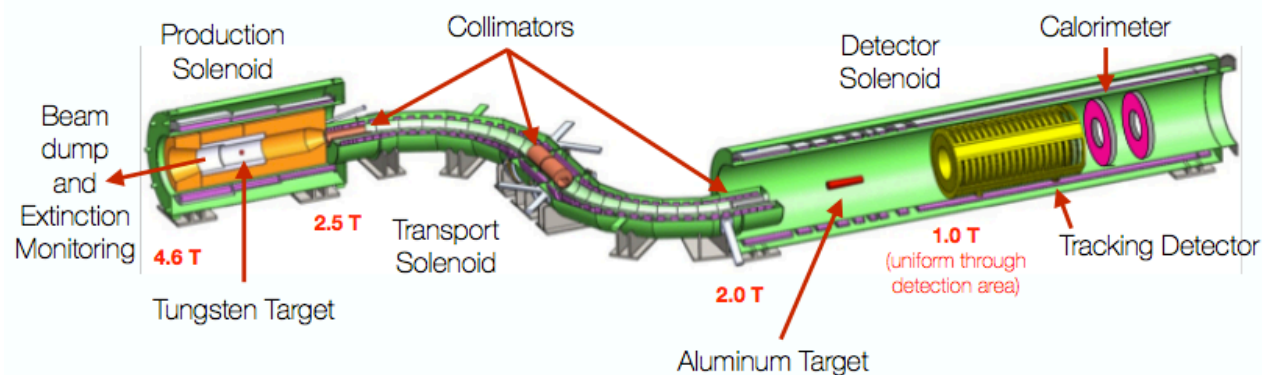
- Slip stacking
 - Great explanation on how this upgrade to Fermilab's technology works
- Wakefields
 - Hear recent advancements in this technology
 - Could be used in future electron colliders





Muon physics

- Overview of Mu2e experiment



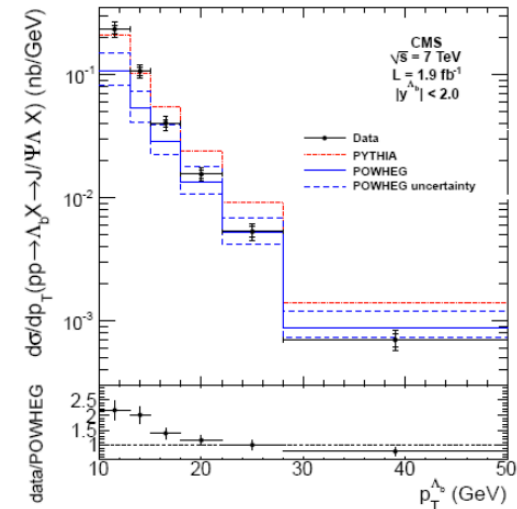
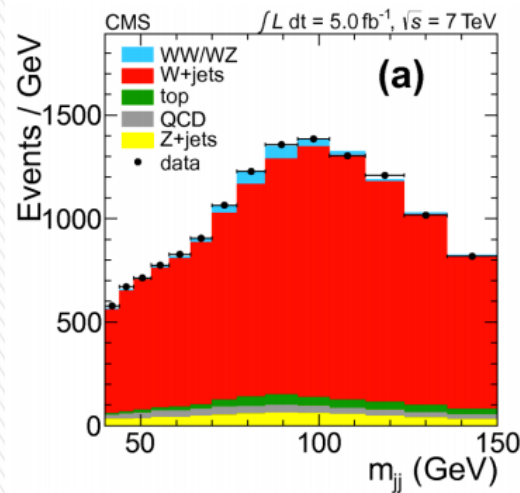
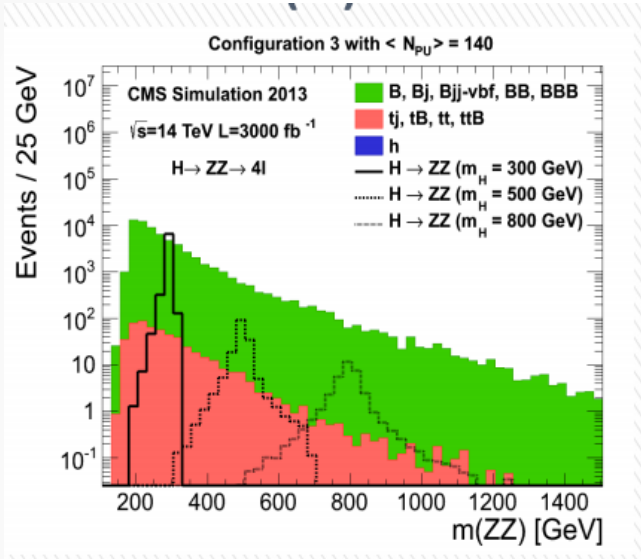
- Overview of g-2 experiment



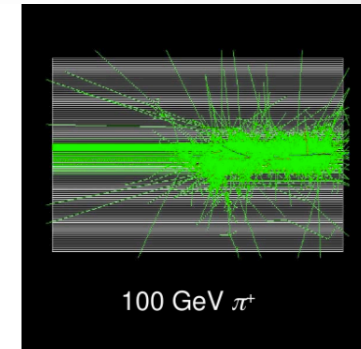
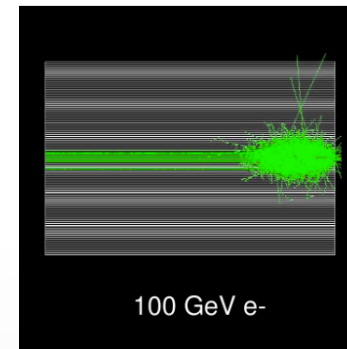
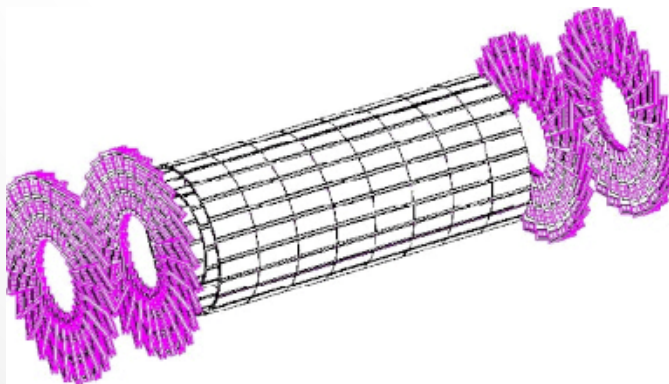


Collider physics

- 3 CMS physics covering BSM, electroweak, b-physics



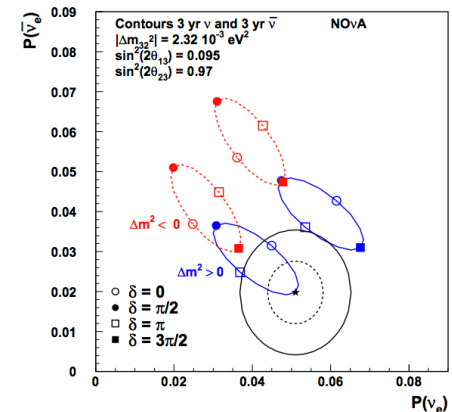
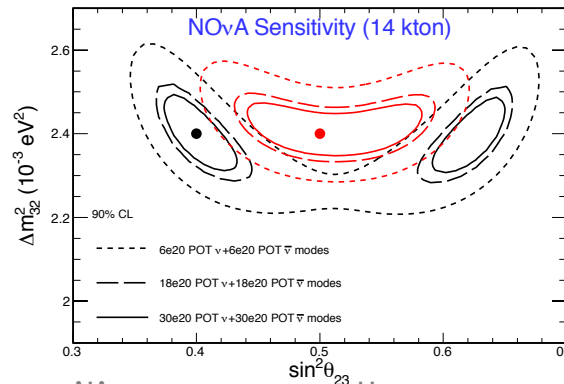
- 3 CMS detector talks covering the pixel upgrade, Gflash HF simulation and FPIX detector





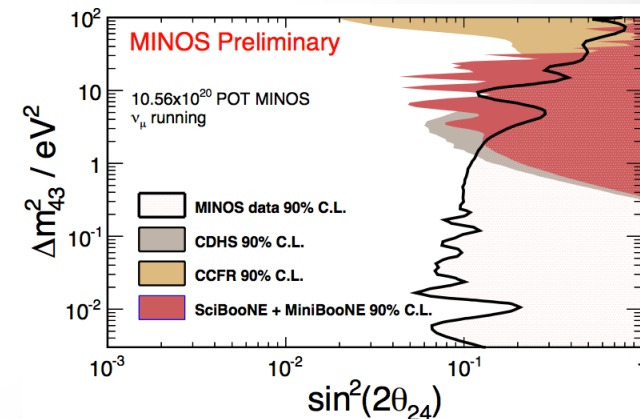
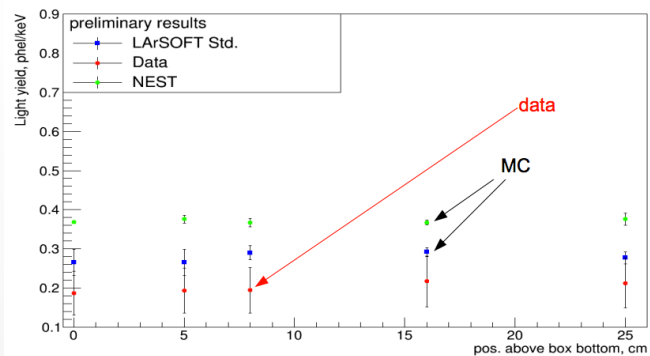
Neutrino physics

- 2 NOvA talks on both the electron neutrino appearance and muon neutrino disappearance channels



- 1 MINOS talk on their exciting new results on search for sterile neutrinos

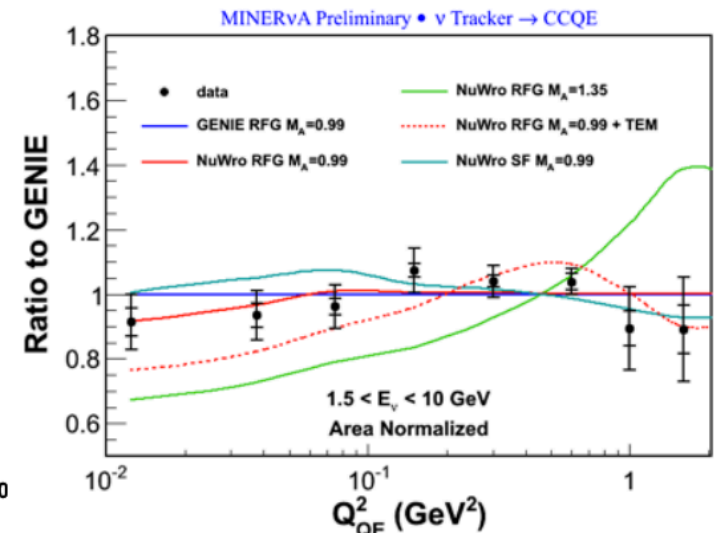
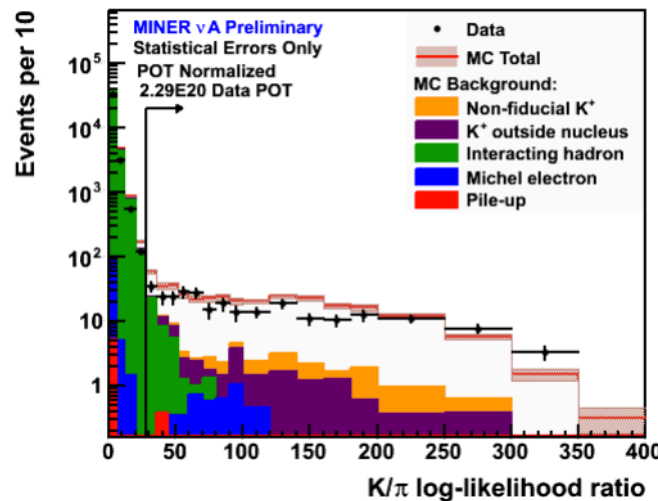
- 1 LArIAT talk on testing their light readout system



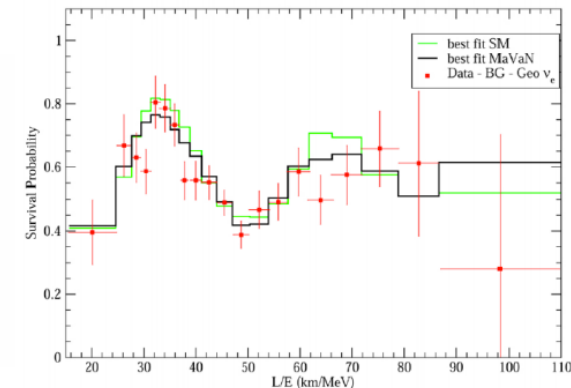


Neutrino physics

- 3 Minerva
 - Overview talk and about QE neutrino scattering and charged Kaon production



- 1 Phenomenology talk on MaVaNs models





Elevator Pitch Session

- Had a successful elevator pitch session
- Information on where these will be available will be posted soon

FSPA

- FSPA thanks you for your time and attention
- Would not be possible without you!
- FSPA elections take place in October
 - Keep in mind if you think this looked like fun are interested in giving something to the Fermilab community



Thank you all!

- Join us this evening for a **BBQ** at Kuhn Barn in the Fermilab Village
- Food and beverages will be available and **free**
- Starting at **6pm**!

