

# Analysis Tools Update

- had a very successful LArSoft workshop yesterday (Oct. 14, 2009 in FNAL 1West)

- 22 people in attendance (17 in person, some new faces!):

Colin Anderson (Yale)

Maddalena Antonello (Gran Sasso)

Carl Bromberg (Michigan State)

Gary Cheng (Columbia)

Bonnie Fleming (Yale)

Hugh Gallagher (Tufts)

Cat James (FNAL)

Ben Jones (MIT)

Georgia Karagiorgi (MIT)

Teppei Katori (MIT)

David McKee (KSU)

Brian Page (Michigan State)

Ornella Palamara (Gran Sasso)

Vassili Papavassiliou (New Mexico State)

Kinga Partyka (Yale)

Dave Schmitz (FNAL)

Bill Seligman (Columbia)

Mitch Soderberg (Yale)

Josh Spitz (Yale)

Brian Rebel (FNAL)

Athula Wickremasinghe (Cincinnati)

Sam Zeller (LANL)

- entry-level introduction to the LAr software (intended for those who have never used these tools before)

# LArSoft Workshop

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- **Brian:** introduction to LArSoft  
+ live tutorial
  - **Bill S:** detector simulation & voxels
  - **Josh:** how to generate events (GENIE, CRY, single particles)
  - **Bill S:** event display 101  
+ discussion of what functionality would like added
  - **Mitch:** reconstruction code  
+ how do we want to organize? hit finding as an example

- event created in docdb if you want to look over the slides
- also, portions of the workshop were video-ed (VMS archive)
- now is a great time to get involved!

# Getting Involved

- meeting in ~1.5 weeks to continue workshop discussion
  - decide what we want the reconstruction architecture to look like
  - define most critical tasks
  - assign projects
- bi-weekly meetings on Tuesdays 9am CT
  - note: time slot may change (will set up a doodle poll)
- sign-up for LArSoft mailing list
  - email: [brebel@fnal.gov](mailto:brebel@fnal.gov)...or...[gzeller@fnal.gov](mailto:gzeller@fnal.gov)
- thanks to participants & speakers at yesterday's workshop!
- workshop was a success, generated lots of good ideas, a lot of work to do, please come join us!