
The HPS PPC Report

Sarah K. Phillips

The University of New Hampshire

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HPS Collaboration Meeting at Jefferson Lab, June 3-6, 2013

The HPS PPC

From our Bylaws:

The PPC is responsible for the accurate and broad dissemination of results arising from HPS activities to the scientific community. To accomplish these goals, the PPC will select speakers, solicit invitations to speak, review content of talks, and coordinate the release of results through talks and proceedings.

The PPC Members:

- Sarah K. Phillips, Chair
- Rouven Essig
- Michel Guidal
- Maurik Holtrop
- Larry Weinstein

If you want to give a talk or write something about HPS, contact one of these people!!

Since the Last Collaboration Meeting

Presentations:

- Tim Nelson, invited talk at VERTEX2012, submitted proceedings
- John Jaros, invited talk at Dark2012, submitted proceedings
- Omar Moreno, contributed talk at the 2012 Fall Meeting of the DNP
- Omar Moreno, contributed talk at the 2012 California-Nevada Section of the APS
- Stepan Stepanyan, invited talk at the MIT Workshop to Explore Physics Opportunities with Intense Polarized Electron Beams up to 300 MeV, submitted proceedings
- Sho Uemura, contributed talk at the 2013 APS April Meeting
- John Jaros, invited talk at the 2013 APS April Meeting
- Maurik Holtrop, invited talk at Photon 2013
- Stepan Stepanyan, invited talk at the Jefferson Lab Users Group Meeting

Scheduled Presentations

Upcoming Presentations:

- F.-X. Girod, invited talk at the JLab Hall A Collaboration Meeting, June 13-14, 2013
- Maurik Holtrop, invited talk at PATRAS, June 23-28, 2013
- Stepan Stepanyan, invited talk at Baryons 2013, June 24-28, 2013
- Andrea Celantano, contributed talk at the 2013 Meeting of the Italian Physics Society, September 23-27, 2013

Unclaimed Talk:

- Invited talk at the Crimean High-Energy Physics Conference, September 23-29, 2013

Publications

Proceedings:

- Tim Nelson, “Tracking and Vertexing for the Heavy Photon Search Experiment”, proceedings for the 21st International Workshop on Vertex Detectors (submitted)
- John Jaros, “Heavy Photon Search Experiment”, Frascati Phys.Ser. 56 (2012) 33-47 (proceedings for Dark Forces at Accelerators 2012)
- Stepan Stepanyan, “Heavy Photon Search experiment at JLAB”, proceedings for the MIT Workshop to Explore Physics Opportunities with Intense Polarized Electron Beams up to 300 MeV (submitted)

Publications

Upcoming Publications:

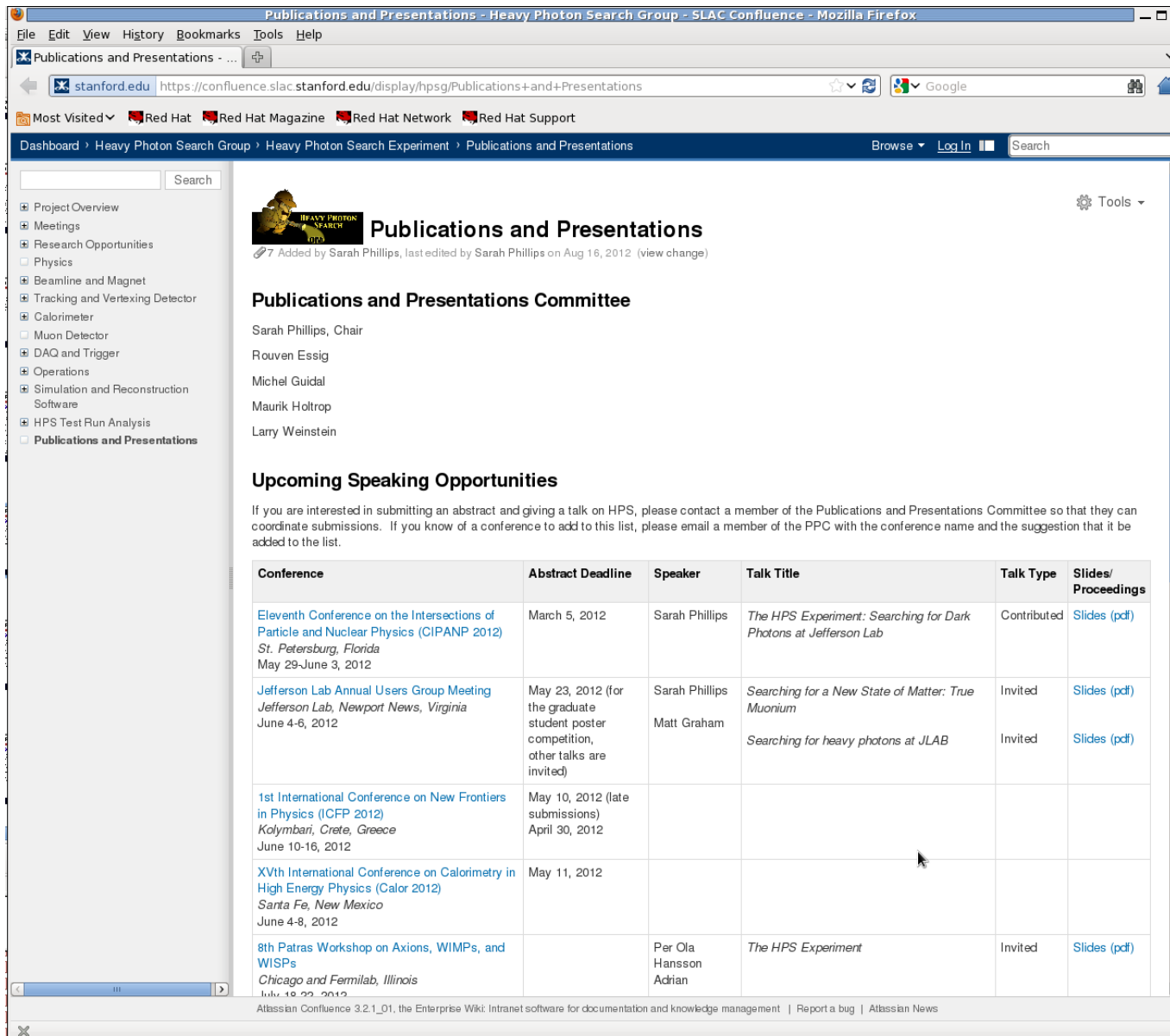
- First thoughts from Pelle and Tim for a couple of papers:
 - ♦ A NIM-style one on the SVT detector
 - ♦ Paper on the test run results
- Need to do alignment before submitting a paper
- Timescale depends on the work that needs to get done for the review
- Draft not long after the review?

Other PPC Updates

PPC Confluence Page

- We maintain a database of talks and conference publications (with conference name, date, location, speaker's name, title of talk, proceedings, slides, abstract)
- It also has upcoming conferences with conference name, date, location of conference, abstract submission deadlines, and when decided, speakers and talk titles
 - <https://confluence.slac.stanford.edu/display/hpsg/Publications+and+Presentations>
- I also email out the opportunities that we are aware of to the collaboration mailing list
- If you know of a conference that we should add, please let me know!

The PPC Confluence Page



The screenshot shows a Mozilla Firefox browser window displaying the 'Publications and Presentations' page of the Heavy Photon Search Group on the SLAC Confluence. The browser's address bar shows the URL <https://confluence.slac.stanford.edu/display/hpsg/Publications+and+Presentations>. The page features a sidebar with navigation links such as 'Project Overview', 'Meetings', 'Research Opportunities', and 'Physics'. The main content area is titled 'Publications and Presentations' and includes a 'Publications and Presentations Committee' list with members like Sarah Phillips, Rouven Essig, Michel Guidal, Maurik Holtrop, and Larry Weinstein. Below this, there is a section for 'Upcoming Speaking Opportunities' with a table listing various conferences and their details.

Conference	Abstract Deadline	Speaker	Talk Title	Talk Type	Slides/Proceedings
Eleventh Conference on the Intersections of Particle and Nuclear Physics (CIPANP 2012) St. Petersburg, Florida May 29-June 3, 2012	March 5, 2012	Sarah Phillips	<i>The HPS Experiment: Searching for Dark Photons at Jefferson Lab</i>	Contributed	Slides (pdf)
Jefferson Lab Annual Users Group Meeting Jefferson Lab, Newport News, Virginia June 4-6, 2012	May 23, 2012 (for the graduate student poster competition, other talks are invited)	Sarah Phillips	<i>Searching for a New State of Matter: True Muonium</i>	Invited	Slides (pdf)
		Matt Graham	<i>Searching for heavy photons at JLAB</i>	Invited	Slides (pdf)
1st International Conference on New Frontiers in Physics (ICFP 2012) Kolymbari, Crete, Greece June 10-16, 2012	May 10, 2012 (late submissions) April 30, 2012				
XVth International Conference on Calorimetry in High Energy Physics (Calor 2012) Santa Fe, New Mexico June 4-8, 2012	May 11, 2012				
8th Patras Workshop on Axions, WIMPs, and WISPs Chicago and Fermilab, Illinois July 18-22, 2012		Per Ola Hansson Adrian	<i>The HPS Experiment</i>	Invited	Slides (pdf)

Atlassian Confluence 3.2.1_01, the Enterprise Wiki: Intranet software for documentation and knowledge management | [Report a bug](#) | [Atlassian News](#)

Other PPC Updates

Reminders:

- Proceedings manuscripts should be sent to the PPC for review two weeks before submission!
- Post your slides on the PPC confluence page, or send them to me so they get added to our records

Summary

- Publications – First thoughts for a couple of papers
- Conferences – We will keep soliciting for invited talks, but it seems like travel funding will be an issue
 - ❖ People are reminded that new results need to be approved before being shown publicly!
 - ❖ Proceedings should be sent to the PPC before submission
 - ❖ Would be good if we had a few more local people that would be willing to fill into local talks; please let me know if you are willing to do this
- PR opportunities – let the PPC know if you know of a good PR opportunity or have good photos for one