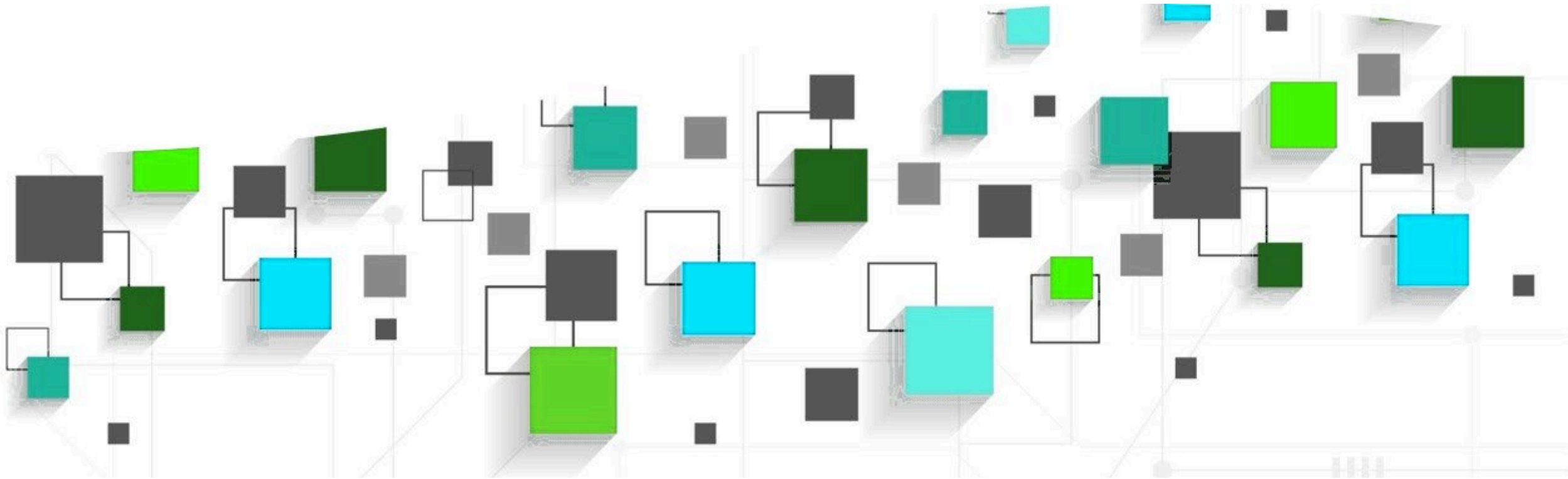


PUBLICATIONS AND PRESENTATIONS COMMITTEE STATUS REPORT

June 2025, Collaboration Meeting, JLAB

Alessandra Filippi, INFN Torino



PPC MEMBERSHIP COMMITTEE

- Chair : Alessandra Filippi (filippi@to.infn.it)
- Andrea Celentano (andrea.celentano@ge.infn.it)
- Mathew Graham (mgraham@slac.stanford.edu)
- Rouven Essig (rouven.essig@stonybrook.edu)
- Robert Johnson (rjohnson@uscs.edu)

Mandate renovated/started on December 2023

- New election/team renewal at next CM? (need some rotation)
- I will step backward from being chairperson due to other institutional commitments



PPC TASKS

■ Publications:

- Manage the paper writing process for HPS papers (together with EC)
- Collect “officially-approved” plots (in collaboration with Analysis Group) and maintain a repository (pw protected) for Collaboration general usage
 - <https://confluence.slac.stanford.edu/pages/viewpage.action?spaceKey=hpsg&title=Officially+approved+plots>

■ Presentations:

- Find conferences, get talks (if interested speakers/new results exist), publicize speaking opportunities, allocate speakers
- Maintain talk and conference publication data-base
 - <https://confluence.slac.stanford.edu/display/hpsg/Publications+and+Presentations>
 - The page is kept as updated as possible but please report about (possibly missed) new entries
- Review and approve (within due deadline)
 - Abstracts
 - Talk slides
 - Conference proceedings



ABOUT PPC CONFLUENCE PAGE

- <https://confluence.slac.stanford.edu/display/hpsg/Publications+and+Presentations>

- Confluence page at SLAC (as all HPS material)
- Access only through SLAC password (+OTP)
- Can be a problem for people without a SLAC account
 - Any easy solution?
 - Something to be thought upon



ANALYSIS REVIEWS IN 2025

- SIMPs paper in preparation: **"Displaced Vertex Searches for Electroproduced Strongly Interactive Massive Particles with the 2016 HPS Dataset"**
 - Based on two analysis notes:
 - A. Spellmann (aug. 2024, L1L1 data sample)
 - T. Eichlersmith (nov. 2024, L1L2 data sample)
 - Full unblinded 2016 statistics
 - Draft available on overleaf
 - Editors: Tom, Sarah, Rory, Emrys + Matt G
 - Readers: Lauren and John, comments sent by May 19 + Stepan (May 22) – based on Apr. 30 version
 - Record of the review steps available [on SLAC confluence](#)
 - Work in progress for final release



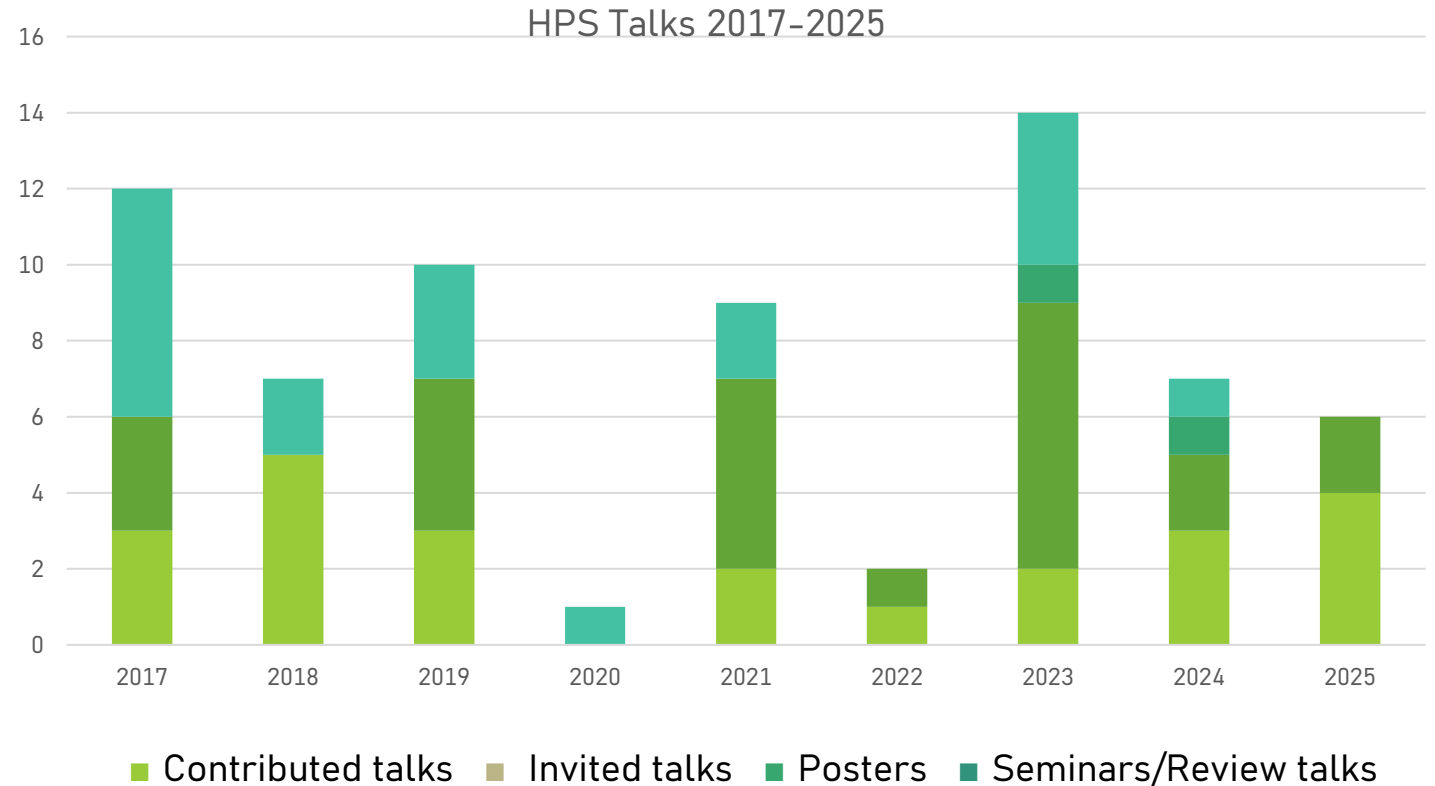
HPS TALKS IN 2025 – first 6 months

- As of end of may 2025: 6 talks (4 contributed + 2 invited)
 - One missed opportunity: an invitation unfortunately (Lund, Sweden) was not picked up
 - Conferences in Europe potentially problematic for travels

Conference	Speaker	Title	Talk type
APS Joint March and April Meeting Global Physics Summit 2025 Spring Meeting 2025 (CA, USA)	S. Geiser	Electroproduced Prompt A' Displaced Vertex Search Techniques with the Heavy Photon Search Experiment	Contributed
APS Joint March and April Meeting Global Physics Summit 2025 Spring Meeting 2025 (CA, USA)	E. Peets	Electroproduced Prompt A' Resonance Search techniques with the Heavy Photon Search Experiment	Contributed
APS Joint March and April Meeting Global Physics Summit 2025 Spring Meeting 2025 (CA, USA)	R. O'Dwyer	Optimization of the full Reconstruction Chain of the HPS Experiment wrt its 2019 and 2021 physics runs	Contributed
APS Joint March and April Meeting Global Physics Summit 2025 Spring Meeting 2025 (CA, USA)	L. Tompkins	Search for Strongly Interacting Massive Particles with HPS at Jefferson Lab	Contributed
LDMA 2025 (Genova, Italy)	R. Paremuzyan	Visible Dark Photon Searches at JLAB	Invited
10th LCTP Spring Symposium: Hunting for Particle Dark Matter (MI, USA)	L. Tompkins	Dark Sector Searches at Fixed (Thin) Target Experiment	Invited

YEARLY SUMMARY UPDATE

- Presentation record in 2023 (paper published)
- 2025 performance: proceeding well (pending travel difficulties)
- If some seminars/colloquia/review talks are missing... let me know!





PPC Rules Refresher – All you need to know

Before the talk

- No invitation? Choose from the updated list of events or request a new addition. **Notify PPC, prepare your abstract** (ask for help if needed) and **submit it to PPC 2 weeks before submission deadline for approval. Notify PPC if/when the talk has been accepted.**
- With invitation? If the talk involves HPS and/or its results, **MUST notify PPC.**

While preparing

- Use **approved plots** and **published results** only. Any exceptions require a 2/3 collaboration vote.
- **Share your slides 2 weeks ahead** for review. Want feedback/need training? We can schedule a practice session.
- Circulate final version for last-minute input.

After the talk

- Submit your final slides to the **PPC repository, also in case of invited talks**
- **Proceedings?** Submit manuscript **2 weeks before deadline** for internal review by the Collaboration. Only include published/approved material. Request exceptions well in advance.

YOU ARE WELCOME TO PRESENT HPS RESULTS!

- It is important to improve the visibility of our results and our Collaboration
- If you can go to present HPS... please do it!
 - You are always welcome, also if it's just a poster
 - If you need assistance, the PPC is here to help you... but act timely!
 - If you need an invitation, PPC can help to work it out

