

# IF02:Photodetectors

Carlos Escobar (replacing Mayly Sanchez), Chris Rogan, Juan Estrada  
February 18, 2022

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## Getting involved, there is still some time...

Neutrinos/Intensity Frontier: Carlos Escobar ([escobar@hal.scy](mailto:escobar@hal.scy))  
Cosmic: Juan Estrada ([estrada@hal.scy](mailto:estrada@hal.scy))  
Energy Frontier: Chris Rogan ([crogan@hal.scy](mailto:crogan@hal.scy))

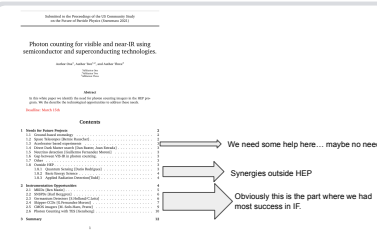
Send us an email, we want to make sure we know about your white papers even if it is not part the few that we are organizing.  
We had mixed success getting the LOI writers to fully commit to writing white papers. The good news is that things are moving faster now...

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## WP on Photon Counting VIS-NIR

- We have been able to engage a large number of people in this area, lot of interest and very exciting technology developments.
- After establishing the structure of the WP we started expanding a bit (including UV and IR photon counting).
- Still significant amount of work to have something finished

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## WP on future mm-wave detectors

- This was an area where IF02-IF10 had some overlap.
- In this case it did not help that most of the conveners involved in the organization of the LOIs by subgroup have resigned as subgroup conveners.
- Now thanks to Clarence Chang we have found the gap and and Pete Barry ([pbarry@hal.scy](mailto:pbarry@hal.scy)) was taken the lead on organizing this.
- This will cover new technologies that not part of IF10 (MKIDs, on-chip spectrometers, MKIDs for cosmic surveys).
- Again to us IF02, IF10 and Pete if you have interest.

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## Other things coming

- Photon detector for Calorimetry:
- Chris ([crogan@hal.scy](mailto:crogan@hal.scy)) is leading this. News soon, if you have interest, and have not submitted and LOI, please contact us.
- Technologies in TPC (neutrino detectors):
- Carlos ([escobar@hal.scy](mailto:escobar@hal.scy)) has been contacting the groups in this area. Seems like their efforts are already covered in other WPs. We are trying to make sure we understand what is where, and if there is anything missing. Please contact us.

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