

## Peter Marinos

Postdoctoral Scholar, Physics

### Bio

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#### STANFORD ADVISORS

- Peter Michelson, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **On the Temporal Variability of the Galactic Multi-TeV Interstellar Emissions** *ASTROPHYSICAL JOURNAL*  
Marinos, P. D., Porter, T. A., Rowell, G. P., Johannesson, G., Moskalenko, I. V.  
2025; 981 (1)
- **Optimising an array of Cherenkov telescopes in Australia for the detection of TeV gamma-ray transients** *PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF AUSTRALIA*  
Lee, S., Einecke, S., Rowell, G., Balazs, C., Bellido, J., Dai, S., Filipovic, M. D., Harvey, V., Mcgee, P., Marinos, P., Tothill, N., White, M.  
2024; 41
- **Constraining the cosmic-ray pressure in the inner Virgo Cluster using HESS observations of M 87** *ASTRONOMY & ASTROPHYSICS*  
Aharonian, F., Ait Benkhali, F., Arcaro, C., Aschersleben, J., Backes, M., Barbosa, V., Batzofin, R., Becherini, Y., Berge, D., Bernloehr, K., Bi, B., Bottcher, M., Boisson, et al  
2023; 675
- **Detection of extended  $\gamma$ -ray emission around the Geminga pulsar with HESS** *ASTRONOMY & ASTROPHYSICS*  
Aharonian, F., Benkhali, F., Aschersleben, J., Ashkar, H., Backes, M., Martins, V., Batzofin, R., Becherini, Y., Berge, D., Bernloehr, K., Bi, B., Bottcher, M., Boisson, et al  
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- **HESS J1809-193: A halo of escaped electrons around a pulsar wind nebula?** *ASTRONOMY & ASTROPHYSICS*  
Aharonian, F., Ait Benkhali, F., Aschersleben, J., Ashkar, H., Backes, M., Barbosa Martins, V., Batzofin, R., Becherini, Y., Berge, D., Boettcher, M., Boisson, C., Bolmont, J., Borowska, et al  
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- **Search for the evaporation of primordial black holes with HESS** *JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS*  
Aharonian, F., Benkhali, F., Aschersleben, J., Boettcher, M., Backes, M., Martins, V., Batzofin, R., Becherini, Y., Berge, D., Bi, B., Boisson, C., Bolmont, J., de Lavergne, et al  
2023
- **The steady-state multi-TeV diffuse  $\gamma$ -ray emission predicted with galprop and prospects for the Cherenkov Telescope Array** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*  
Marinos, P. D., Rowell, G. P., Porter, T. A., Johannesson, G.  
2023; 518 (4): 5036-5048