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ACADEMIC APPOINTMENTS

- Physical Sci Res Scientist, Ginzton, E.L. Laboratory

Publications

PUBLICATIONS

- **Tunable Coherence Laser Interferometry: Demonstrating 40 dB of Stray Light Suppression and Compatibility with Resonant Optical Cavities** *PHYSICAL REVIEW LETTERS*
  Voigt, D., Eggers, L., Isleif, K., Koehlenbeck, S. M., Ast, M., Gerberding, O.
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- **Dynamic motion trajectory control with nanoradian accuracy for multi-element X-ray optical systems via laser interferometry.** *Light, science & applications*
  Koehlenbeck, S. M., Lee, L., Balcazar, M. D., Chen, Y., Esposito, V., Hastings, J., Hoffmann, M. C., Huang, Z., Ng, M. L., Price, S., Sato, T., Seaberg, M., Sun, et al
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- **A geometrically scalable method for manufacturing high quality factor mechanical resonators** *OPTICS LETTERS*
  Birckigt, P., Carter, J., Koehlenbeck, S., Leibeling, G., Risse, S.
  2024; 49 (21): 6269-6272

- **Open data from the first and second observing runs of Advanced LIGO and Advanced Virgo** *SOFTWAREX*
  Abbott, R., Abbott, T. D., Abraham, S., Acernese, F., Ackley, K., Adams, C., Adhikari, R. X., Adya, V. B., Affeldt, C., Agathos, M., Agatsuma, K., Aggarwal, N., Aguiar, et al
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