

Akio Kawasaki

Postdoctoral Research Fellow, Physics

Bio

PROFESSIONAL EDUCATION

- Bachelor of Science, University Of Tokyo (2010)
- Doctor of Philosophy, Massachusetts Institute of Technology (2017)

LINKS

- Personal Webpage: <http://web.stanford.edu/~akiok/>

Publications

PUBLICATIONS

- **Precision Mass and Density Measurement of Individual Optically Levitated Microspheres** *PHYSICAL REVIEW APPLIED*
Blakemore, C. P., Rider, A. D., Roy, S., Fieguth, A., Kawasaki, A., Priel, N., Gratta, G.
2019; 12 (2)
- **Near-Unitary Spin Squeezing in Yb-171** *PHYSICAL REVIEW LETTERS*
Braverman, B., Kawasaki, A., Pedrozo-Penafiel, E., Colombo, S., Shu, C., Li, Z., Mendez, E., Yamoah, M., Salvi, L., Akamatsu, D., Xiao, Y., Vuletic, V.
2019; 122 (22)
- **Electrically driven, optically levitated microscopic rotors** *PHYSICAL REVIEW A*
Rider, A. D., Blakemore, C. P., Kawasaki, A., Priel, N., Roy, S., Gratta, G.
2019; 99 (4)
- **Three-dimensional force-field microscopy with optically levitated microspheres** *PHYSICAL REVIEW A*
Blakemore, C. P., Rider, A. D., Roy, S., Wang, Q., Kawasaki, A., Gratta, G.
2019; 99 (2)
- **Geometrically asymmetric optical cavity for strong atom-photon coupling** *PHYSICAL REVIEW A*
Kawasaki, A., Braverman, B., Pedrozo-Penafiel, E., Shu, C., Colombo, S., Li, Z., Ozel, O., Chen, W., Salvi, L., Heinz, A., Levonian, D., Akamatsu, D., Xiao, et al
2019; 99 (1)
- **Search for kilogram-scale dark matter with precision displacement sensors** *PHYSICAL REVIEW D*
Kawasaki, A.
2019; 99 (2)
- **Impact of non-unitary spin squeezing on atomic clock performance** *NEW JOURNAL OF PHYSICS*
Braverman, B., Kawasaki, A., Vuletic, V.
2018; 20