

# Stanford

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## Yusuke Iguchi

Sr Res Scientist-Physical

Academic Units

 Curriculum Vitae available Online

### Bio

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#### ACADEMIC APPOINTMENTS

- Sr Res Scientist-Physical, Academic Units

#### HONORS AND AWARDS

- JPSJ Papers of Editors' Choice, Journal of Physical Society of Japan (2017.01)
- Incentive award, Graduate School of Arts and Sciences, The University of Tokyo (2015.03)

#### LINKS

- My homepage: <https://yiguchi-condmat-eng.webnode.jp/>
- My homepage(Japanese): <https://yusuke-iguchi-personal-page.webnode.jp/>

### Publications

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#### PUBLICATIONS

- **Imaging anisotropic vortex dynamics in FeSe** *PHYSICAL REVIEW B*  
Zhang, I. P., Palmstrom, J. C., Noad, H., Bishop-Van Horn, L., Iguchi, Y., Cui, Z., Mueller, E., Kirtley, J. R., Fisher, I. R., Moler, K. A.  
2019; 100 (2)
- **Microwave nonreciprocity of magnon excitations in the noncentrosymmetric antiferromagnet Ba<sub>2</sub>MnGe<sub>2</sub>O<sub>7</sub>** *PHYSICAL REVIEW B*  
Iguchi, Y., Nii, Y., Kawano, M., Murakawa, H., Hanasaki, N., Onose, Y.  
2018; 98 (6)
- **Magnetoelectrical control of nonreciprocal microwave response in a multiferroic helimagnet** *NATURE COMMUNICATIONS*  
Iguchi, Y., Nii, Y., Onose, Y.  
2017; 8: 15252
- **Microwave Magnetochiral Effect in the Non-centrosymmetric Magnet CuB<sub>2</sub>O<sub>4</sub>** *JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN*  
Nii, Y., Sasaki, R., Iguchi, Y., Onose, Y.  
2017; 86 (2)
- **Nonreciprocal propagation of surface acoustic wave in Ni/LiNbO<sub>3</sub>** *PHYSICAL REVIEW B*  
Sasaki, R., Nii, Y., Iguchi, Y., Onose, Y.  
2017; 95 (2)
- **Terahertz Radiation by Subpicosecond Magnetization Modulation in the Ferrimagnet LiFe<sub>5</sub>O<sub>8</sub>** *ACS PHOTONICS*  
Kinoshita, Y., Kida, N., Sotome, M., Miyamoto, T., Iguchi, Y., Onose, Y., Okamoto, H.  
2016; 3 (7): 1170–75
- **Nonreciprocal magnon propagation in a noncentrosymmetric ferromagnet LiFe<sub>5</sub>O<sub>8</sub>** *PHYSICAL REVIEW B*

Iguchi, Y., Uemura, S., Ueno, K., Onose, Y.  
2015; 92 (18)

- **Uniaxial-Pressure Effects on Spin-Driven Lattice Distortions in Geometrically Frustrated Magnets  $\text{CuFe}_{1-x}\text{Ga}_x\text{O}_2$  ( $x=0, 0.035$ )** *JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN*

Nakajima, T., Iguchi, Y., Tamatsukuri, H., Mitsuda, S., Yamasaki, Y., Nakao, H., Terada, N.  
2013; 82 (11)