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Short CV (Education and Work Experience)

2002 Doctor Degree, Department of Applied Physics, University of Tokyo 2002-2005 Postdoctoral Researcher, JST ERATO spin superstructure project

2005-2006 Postdoctoral Researcher, Department of Physics, Princeton University

2006-2012 Lecturer, Department of Applied Physics, University of Tokyo 2012-2018 Associate Professor, Department of Basic Science, University of Tokyo

2018 Professor, Institute for Materials Research, Tohoku University

Research interests and activities

Condensed Matter Physics, Magnetism

Home-page and Link to research data base

http://lab-defects.imr.tohoku.ac.jp/index-e.html

Major publication

"Magnetoelectrical control of nonreciprocal microwave response in a multiferroic helimagnet" Y. Iguchi, Y. Nii, Y. Onose, Nature Communications 8, 15252 (2017).

"Observation of the Magnon Hall Effect" Y. Onose, T. Ideue, H. Katsura, Y. Shiomi, N. Nagaosa, and Y. Tokura, Science 329, 297 (2010).

"Doping dependence of pseudogap and related charge dynamics in Nd₂-xCe_xCuO₄" Y. Onose, Y. Taguchi, K. Ishizaka, and Y. Tokura Phys. Rev. Lett. 87, 217001 (2001).

Present international collaborations

