

Genta Kawaguchi

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Education

2011 B. S. in Chemistry (Kyoto University)
2013 M. S. in Chemistry (Kyoto University)
2016 Ph. D. in Chemistry (Kyoto University)

Academic Experience

2013-2016: JSPS Research Fellowship for Young Scientists (DC1)
April 2016-July 2016: Researcher, Institute for Molecular Science
August 2016-present: Research Assistant Professor, Institute for Molecular Science
2016-present: Researcher, ERATO Isobe Degenerate π -Integration Project

Awards and Honors

2014: CSJ Student Presentation Award
(The 94th Annual Meeting of the Chemical Society of Japan 2014)
2014: Best Presentation Award
(The 8th Annual Meeting of Japan Society for Molecular Science 2014)

Selected Publications

1. "Use of Halogen Bonding in a Molecular Solid Solution to Simultaneously Control Spin and Charge," G. Kawaguchi, M. Maesato, T. Komatsu, T. Imakubo, A. Kiswandhi, D. Graf, H. Kitagawa, *Chem. Mater.* **28**, 7276 (2016).
2. "Interplay between spin-density wave and 3d local moments with random exchange in a molecular conductor," G. Kawaguchi, M. Maesato, T. Komatsu, T. Imakubo, H. Kitagawa, *Phys. Rev. B* **93**, 075124 (2016).

3. “Unconventional Magnetic and Resistive Hysteresis in an Iodine-Bonded Molecular Conductor,”
G. Kawaguchi, M. Maesato, T. Komatsu, H. Kitagawa, T. Imakubo, A. Kiswandhi, D. Graf, J. S.
Brooks, *Angew. Chem. Int. Ed.* **54**, 10169–10172 (2015).