

# **Masahito Mochizuki Ph. D.**

## **CURRICULUM VITAE**

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**Born:** April 7, 1975      **Nationality:** Japan      **Sex:** Male      **Title:** Ph.D(Sci.)  
**Affiliation:** Department of Physics and Mathematics, College of Science and Engineering,  
Aoyama Gakuin University  
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**Position:** Associate Professor  
**Major:** Condensed Matter Physics, Theory

### **Research Interests:**

- Magnetoelectric phenomena of Multiferroics
- Optical/microwave ME effects of nontrivial spin textures
- Kinetics and manipulations of skyrmions and other spin textures
- Multiorbital superconductivity
- Orbital physics in Mott insulators

### **Educational Qualification:**

<b>Year</b>	<b>Degree</b>	<b>University</b>
1994.4-1998.3	Bachelor of Science	University of Tokyo
1998.4-2000.3	Master of Science in Physics	University of Tokyo (SV: Prof. Masatoshi Imada) “Magnetic and Orbital Orders in Perovskite-Type Ti Oxides”
2000.4-2003.3	Doctor of Science in Physics	University of Tokyo (SV: Prof. Masatoshi Imada) “Magnetic and Orbital States and Their Phase Transitions in Perovskite-Type Ti Oxides”

### **Research Experience:**

2004. 4-2007. 3    Postdoctoral Fellow of the Japan Society for the Promotion of Science  
                                 within the group of Prof. Masao Ogata,  
                                 Department of Physics, Faculty of Science, The University of Tokyo

2006.4-2006.12    Postdoctoral Research of Condensed Matter Theory Laboratory, RIKEN  
                                 within the group of Prof. Akira Furusaki

2007. 1-2009. 4    Research Fellow of ERATO-JST, Tokura Multiferroics Project

2009. 4-2013. 3    Lecturer at the University of Tokyo within the group of Prof. Naoto Nagaosa,  
                                 Department of Applied Physics, Faculty of Engineering

2013. 4-present    Associate Professor at Aoyama Gakuin University,  
                                 Department of Physics and Mathematics, College of Science and Engineering

**Membership:** The Physical Society of Japan

**Publications:** <http://www.researcherid.com/rid/E-9173-2012>

To the journal page, please click the icon next to DOI.

## Talk (in International Conferences)

**1. (contribution talk)**

International Workshop on ``Novel Phenomena in Frustrated Systems"  
``Dynamical Magnetoelectric Phenomena in the Multiferroic Mn Perovskites"  
(Santafe, New Mexico, USA, May 23-27, 2011)

**2. (invited talk)**

2011 APS March Meeting  
``Dynamical Magnetoelectric Phenomena in the Multiferroic Mn Perovskites"  
(Dallas, Texas, USA, March 21, 2011)

**3. (invited talk)**

Joint European Japanese Conference: Frustration in Condensed Matter  
``Competing Two Multiferroic Phases in Perovskite Manganites"  
(Ecole Normale Supérieure de Lyon, France, May 12-15, 2009)

**4. (invited talk)**

Max-Planck Institut für Physik Komplexer Systeme, International Focus Workshop on Mobile Fermions and Bosons on Frustrated Lattice  
``Exotic Superconductivity on the Triangular Lattice in  $\text{Na}_x\text{CoO}_2 \cdot y\text{H}_2\text{O}$ : Theories and Experiments"  
(Max-Planck Institute, Dresden, Germany, January 11-13, 2007)