

List of paper:

- ※ *X-ray induced lock-in transition of cycloidal magnetic order in a multiferroic perovskite manganite*, Y. Yamasaki, H. Nakao, Y. Murakami, T. Nakajima, A. Lafuente Sampietro, H. Ohsumi, M. Takata, T. Arima, and Y. Tokura, Phys. Rev. B **91**, 100403(R), 24 March 2015
- ※ Rapid communication: *Strain-induced coherent dynamics of coupled carriers and Mn spins in a quantum dot*, A. Lafuente-Sampietro, H. Boukari, and L. Besombes, Phys. Rev. B **92**, 081305(R), 10 August 2015
- ※ *Resonant photoluminescence of a positively charged Mn-doped quantum dot*, A. Lafuente-Sampietro and H. Boukari and L. Besombes, physica status solidi (c) **13** (02/2016)
- ※ Rapid communication: *Individual Cr atom in a semiconductor quantum dot: Optical addressability and spin-strain coupling*, A. Lafuente-Sampietro, H. Utsumi, H. Boukari, S. Kuroda, and L. Besombes, Phys. Rev. B **93**, 161301(R), 14 April 2016
- ※ *Spin dynamics of an individual Cr atom in a semiconductor quantum dot under optical excitation*, A. Lafuente-Sampietro, H. Utsumi, Hervé Boukari, Shinji Kuroda, and Lucien Besombes, Applied Physics Letter **109**, 5, 053103, August 2016
- ※ *Resonant optical control of the spin of a single Cr atom in a quantum dot*, A. Lafuente-Sampietro, H. Utsumi, H. Boukari, S. Kuroda and L. Besombes, Phys. Rev. B. **95**, 035303, January 2017
- ※ Editor's suggestion: *Resonant photoluminescence and dynamics of a hybrid Mn hole spin in a positively charged magnetic quantum dot*, A. Lafuente-Sampietro, H. Boukari, and L. Besombes, Phys. Rev. B **95**, 245308, June 2017