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Manipulation of multi-degree of freedom in ferroic-ordering
will be published in Vol. 57 No. 9, September 2018.

Review articles

No.	Fields	Contact person	Affiliation	Contact mail	Title
	マルチフェロイクス	野崎 友大	産総研	nozaki@ecei.tohoku.ac.jp	Magnetoelectric manipulation and enhanced operating temperature in aniferromagnetic Co2O3 thin film
	(強)誘電体	Junling Wang	Nanyang Univ. Singapore	jlwang@ntu.edu.sg	The Path to Flexible Ferroelectrics: Approaches and Progress
	(強)誘電体	高橋 竜太	東京大学	rtaka@issp.u-tokyo.ac.jp	Pyroelectric detection of ferroelectric polarization in magnetic materials
	構造解析	In-Tae Bae	NY州立大学	itbae@binghamton.edu	Strategy to utilize transmission electron microscopy and X-ray diffraction to investigate biaxial strain effect in epitaxial BiFeO3 films
	酸化物エレクトロニクス	Manuel Bibes	CNRS	Manuel.BIBES@cnrs-thales.fr	Oxide spin-orbitronics: New routes towards low power electrical control of magnetization in oxide heterostructures
	スピントロニクス	水口 将輝	東北大学	mizuguchi@imr.tohoku.ac.jp	Control of Nernst effect in spintronic materials

General articles

No.	Fields	Contact person	Affiliation	Contact mail	Title
	マルチフェロイクス	吉村 哲	秋田大学	syoshi@gipc.akita-u.ac.jp	Fabrication of highly qualified (Bi1-xBax)FeO3 multiferroic thin films by using a pulsed DC reactive sputtering method and demonstration of magnetization reversal by
	マルチフェロイクス	一ノ瀬 智浩	東北大学	tomohiro.ichinose.e4@tohoku.ac.jp	Determination of rhombohedral structure of BiFeO3 single domain like films grown on SrTiO3 and LaAlO3 substrates by X-ray diffraction using the (2-1-3)hex
	マルチフェロイクス	雨宮 健太	KEK	kenta.amemiya@kek.jp	Manipulation of magnetic properties of ferromagnetic Ni thin films grown on Cu(001) by antiferromagnetic NiO and effects of voltage application
	マルチフェロイクス	酒巻 真粧子	KEK	masako.sakamaki@kek.jp	Effect of interface NiO layer on magnetism in Fe/BaTiO3 thin film
	(強)誘電体	山田 智明	名古屋大学	t-yamada@nucl.nagoya-u.ac.jp	Strong Impact of SrTiO3/TiO2 Buffer Layer on Epitaxial Growth and Dielectric Response of Ba0.7Sr0.3TiO3 Thin Films on MgO
	(強)誘電体	Daniel Sando	University of New South Wales	daniel.sando@unsw.edu.au	Designer defect stabilization of the super-tetragonal phase in BiFeO3 films > 70 nm thick on LaAlO3 substrates
	(強)誘電体	舟窪 浩	東京工業大学	funakubo.h.aa@m.titech.ac.jp	Thickness and temperature dependence of dielectric properties in {111}- oriented epitaxial Pb(Mg1/3,Nb2/3)O3 and 0.6Pb(Mg1/3,Nb2/3)O3 – 0.4PbTiO3 films
	(強)誘電体	舟窪 浩	東京工業大学	funakubo.h.aa@m.titech.ac.jp	Time response of crystal structure change under an applied electric field using synchrotron-based time-resolved XRD in polar-axis-oriented epitaxial Pb(Zr,Ti)O3 films
	(強)誘電体	内田 寛	上智大学	uchidah@sophia.ac.jp	Solid-solution thin films of ternary BaTiO3-Bi(Mg1/2Ti1/2)O3-BiFeO3 system epitaxially-grown on SrRuO3//SrTiO3 substrates via chemical solution process
	(強)誘電体	保科 拓也	東京工業大学	hoshina.t.aa@m.titech.ac.jp	Grain Size Effect of Piezoelectric Properties of BaTiO3 Ceramics
	スピントロニクス	関口 康爾	横浜国立大学	koji_s@phys.keio.ac.jp	Time-domain propagating spin-wave spectroscopy for forward spin-waves in a ferromagnetic metal
	スピントロニクス	内田 健一	NIMS	UCHIDA.Kenichi@nims.go.jp	Charge-current angle and frequency dependences of the spin Peltier effect induced by the spin Hall effect
	スピントロニクス	岡林 潤	東京大学	jun@chem.s.u-tokyo.ac.jp	Local electronic and magnetic properties of ferro-orbital ordered FeV2O4

Guest editor in chief 永沼(東北大)、Guest Editors 藤沢(兵庫県立大)、飯島(AIST)

electric field

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