

International School on Spintronics & Spin-Orbitronics

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- P-02 Enhancement of Brillouin light scattering intensity by introducing an anti-reflection layer**
Jinyong Jung¹ *I. DGIST*
- P-03 Non-equilibrium dynamic reversal mechanism of nanoscale ferromagnetic elements**
Hee-Kyeong Hwang¹ *I. DGIST*
- P-04 Spin orbit torque and thermoelectric effect in harmonics measurement**
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Dongjoon Lee¹ *I. Korea Univ.*
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Iksun Hong¹ *I. Korea Univ.*
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Hyeok-Cheol Choi¹ *I. Seoul National Univ.*
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Junhoe Kim¹ *I. Seoul National Univ.*
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Min-Seung Jung¹ *I. DGIST*

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Woosuk Yoo¹ *1. Sogang Univ.*
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- ~~**P-30 Scattering model for large damping-like torque at TI/FM bilayer interface**
Seungju Shin¹ *1. POSTECH*~~
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Yurika Kubo¹ and Susumu Kurihara² *1. Okinawa Institute Of Science and Technology; 2. Department of Physics, Waseda University*
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Sho Inami¹, Ryohei Nakamura¹, Fumiya Nakata¹, Hiromi Yuasa² *1. Department of Electrical Engineering and Computer Science, School of Engineering, Kyushu University; 2. Faculty of Information Science and Electrical Engineering, Kyushu University*
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F. Ando¹, H. Kakizakai², T. Koyama², K. T. Yamada¹, M. Kawaguchi¹, S. Kim¹, K.-J. Kim¹, T. Moriyama¹, D. Chiba², and T. Ono¹ *1. Institute for Chemical Research, Kyoto University; 2. Department of Applied Physics, Faculty of Engineering, The University of Tokyo*
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Gen Nagashima¹, Yudai Hirayama², and Hiromi Yuasa³ *1. Department of Electrical Engineering and Computer Science, School of Engineering, Kyushu University; 2. Graduate School of Information Science and Electrical Engineering, Kyushu University; 3. Faculty of Information Science and Electrical Engineering, Kyushu University*

- P-38 Spin Mixing Conductance Enhancement by Magnetic Material Insertion at YIG/Pt Interface**
Ryohei Nakamura¹, Sho Inami², Fumiya Nakata², Hiromi Yuasa³ 1. Graduate School of Information Science and Electrical Engineering, Kyushu University; 2. Department of Electrical Engineering and Computer Science, School of Engineering, Kyushu University; 3. Faculty of Information Science and Electrical Engineering, Kyushu University
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Motoya Shinozaki¹, Eriko Hirayama¹, Shun Kanai¹⁻³, Hideo Sato²⁻⁴, Fumihiko Matsukura^{1-3,5}, and Hideo Ohno¹⁻⁵ 1. Laboratory for Nanoelectronics and Spintronics, Research Institute of Electrical Communication, Tohoku University; 2. Center for Spintronics Integrated Systems, Tohoku University; 3. Center for Spintronics Research Network, Tohoku University; 4. Center for Innovative Integrated Electronic Systems, Tohoku University; 5. WPI-Advanced Institute for Materials Research, Tohoku University
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- P-42 Comparison between AHE and SHE in ferromagnetic metals**
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- P-43 Evaluation of spin-orbit coefficients in the presence of anisotropic spin dephasing in a (001)-oriented GaAs/AlGaAs quantum well**
D. Iizasa¹, A. Aoki¹, M. Kohda^{1,2}, and J. Nitta^{1,2} 1. Department of Materials Science, Tohoku University; 2. Center for Spintronics Research Network, Tohoku University
- P-44 Spin injection into NbSe₂ thin film**
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- P-46 Fabrication of Fe/B-doped UNCD/Fe₃Si Spin Valve Junctions**
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- P-47 Extraordinary Hall effect and spin Hall effect measurements in ternary alloy spin glasses**
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P-49 Spin transport in superconducting Bi/Ni bilayers

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P-51 Spin Valve Effects Comprising Fe-Si Materials

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P-52 The spin transport properties of graphene device fabricated by nano-imprint lithography

Shaojie Hu¹, Yuhui Cai¹, Yilong Tian¹, Haixiong Ge², and Tai Min¹ *1. Xi'an Jiaotong University; 2. Nanjing University*

P-53 Magnetic field angle dependence of switching field in perpendicular-anisotropy CoFeB-MgO magnetic tunnel junction at various temperatures

J. Igarashi¹, E. C. I. Enobio¹, J. Llandro¹, H. Sato¹⁻⁴, S. Fukami¹⁻⁴, F. Matsukura^{1,2,4,5}, and H. Ohno¹⁻⁵ *1. Laboratory for Nanoelectronics and Spintronics, Research Institute of Electrical Communication, Tohoku University; 2. Center for Spintronics Integrated Systems, Tohoku University; 3. Center for Innovative Integrated Electronic Systems, Tohoku University; 4. Center for Spintronics Research Network, Tohoku University; 5. WPI-Advanced Institute for Materials Research, Tohoku University*

P-54 Strong temperature-dependent electric field effect on magnetic anisotropy in Co/Pd/MgO system

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P-55 Thermoelectric Power based on Spin Seebeck effect in YIG / Ta₅₀W₅₀ system

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P-56 Influence of oxygen exposure on Rashba parameter of Bi/Cu(111) interfaces

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P-57 Large room temperature spin-to-charge conversion signals in a graphene/Pt lateral heterostructure

Eduar Sagasta¹, Wenjing Yan¹, Mrio A. O. Ribeiro¹, Yasuhiro Niimi², Luis E. Hueso^{1,3}, and Flix Casanova^{1,3} *1. CIC nanoGUNE; 2. Department of Physics, Graduate School of Science, Osaka University; 3. IKERBASQUE, Basque Foundation for Science*

P-58 spin-charge currents interconversion at Cu/Bi₂O₃ interface

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P-59 Role of interfacial exchange field in the spin-current modulation with ferromagnetic insulator

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- P-80 Efficient thermal spin injection using CoFe-based alloy**
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T. Ogawa¹, G. Uematsu¹, T. Nomura¹, K. Ohnishi^{1,2}, and T. Kimura^{1,2} *1. Department of Physics, Kyushu University; 2. Research Center for Quantum Nano-Spin Sciences*
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K. Okabe¹, Y. Nakano¹, K. Yamanoi¹, S. Yakata³, T. Kimura^{1,2} *1. Department of Physics, Kyushu University; 2. Research Center for Quantum Nano-Spin Sciences; 3. Fukuoka Institute of Technology*
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