

9th RIEC International Workshop
on
SPINTRONICS

PROGRAM & ABSTRACTS

May 31-June 2, 2012

Conference Room,
Laboratory for Nanoelectronics and Spintronics,
Research Institute of Electrical Communication
Tohoku University



RIEC



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The workshop is organized in close collaboration with
"4th International Workshop on Spin Caloritronics",
which will be held on June 2 - 5, 2012
at the Institute of Materials Research (IMR), Tohoku University.
For more details, please refer the following web site:
URL: <http://www-lab.imr.tohoku.ac.jp/spincaloritronics4/>

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I-07	14:30-15:00	Y. Otani^{1,3}, Y. Niimi¹, Y. Kawanishi¹, D.-H. Wei¹, C. Deranlot², and A. Fert² (¹ <i>Institute for Solid State Physics, University of Tokyo, Kashiwa, Chiba, Japan.</i> ² <i>Unité Mixte de Physique CNRS/Thales, Université de Paris-Sud, Orsay, France.</i> ³ <i>RIKEN-ASI, 2-1 Hirosawa, Wako, Saitama, Japan.</i>) Giant SHE induced by small impurities in copper	19
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I-10	16:30-17:00	Y. Miura^{1,2}, D. Mori¹, M. Tsujikawa², K. Abe^{1,2} and M. Shirai^{1,2} (¹ <i>Research Institute of Electrical Communication, Tohoku University, Sendai, Japan.</i> ² <i>Center for Spintronics Integrated Systems, Tohoku University, Sendai, Japan.</i>) A first-principles study on magneto-crystalline anisotropy at interfaces of magnetic tunnel junctions	22
I-11	17:00-17:30	H. Sato¹, M. Yamanouchi^{1,2}, K. Miura^{1,2,3}, S. Ikeda^{1,2}, R. Koizumi², F. Matsukura^{1,4}, and H. Ohno^{1,2,4} (¹ <i>Center for Spintronics Integrated Systems, Tohoku University, Sendai, Japan.</i> ² <i>Laboratory for Nanoelectronics and Spintronics, Research Institute of Electrical Communication, Tohoku University, Sendai, Japan.</i> ³ <i>Central Research Laboratory, Hitachi, Ltd., Kokubunji, Tokyo, Japan.</i> ⁴ <i>WPI Advanced Institute for Materials Research, Tohoku University, Sendai, Japan.</i>) Factors determining thermal stability in CoFeB-MgO perpendicular junctions	23

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Place: Trattoria e bar CACCINU (Sendai Kokusai Hotel, B1F)

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The 9th RIEC International Workshop on Spintronics

May 31 – June 2, 2012, Sendai, Japan

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