

A01-group meeting

First day (18th Feb., at W1-D-413 in Ito campus)			
	Title	Speaker	Time
	Opening		13:00 - 13:05
1	Spintronic application toward IoT energy harvesting	Hiromi Yuasa	13:05 - 13:40
2	Antiferromagnetic spintronics and recent results	Takahiro Moriyama	13:40 - 14:10
3	Charge-spin current conversion in surface and interface states	Kouta Kondou	14:10 - 14:50
	Tuning the spin Hall effect of Pt from the moderately dirty to the superclean regime	Yasutomo Omori	
	Coffee break		14:50 - 15:10
4	Nonlinear spin conversion in complex spin materials	Yasuhiro Niimi	15:10 - 15:50
	Spin Hall effects in spin glasses	Hiroki Taniguchi	
	Spin injection into a layered superconductor NbSe ₂	Tomoya Kawamura	
5	Optical control of spin wave	Takuya Satoh	15:50 - 16:20
	Poster Session		16:20 - 18:30
	Discussion with drinking		19:00 -

Second day (19th Feb., at Lecture room 4 in Main building in Hakozaki Campus)			
	Title	Speaker	Time
7	Synchronized ferromagnetic resonance in NiFe/NiO/CoFeB trilayer system	Takashi Kimura	9:30 - 10:10
	Spin transports in superconductor/normal metal hybrid nanostructures with nanomagnets.	Kohei Ohnishi	
8	Magnetization dynamics and electrical signals	Fumihiro Matsukura	10:10 - 10:40
9	Interfacial spin-orbit torque in tunnel junction	Shinji Miwa	10:40 - 11:20
10	Spin waves in ordered FeRh-based heterostructures	Tomoyasu Taniyama	11:20 - 11:50
11	Spin Conversion from Spin Waves into NV Centers in Diamond	Toshu An	11:50 - 12:20
	Closing		12:20 - 12:30

Poster Session (18th Feb., 16:30 - 18:00)		
	Title	Speaker
P-1	Spin conversion using single crystalline materials	Motoi Kimata
P-2	Spin pumping due to spin wave modes in a magnetic vortex	Norinobu Hasegawa
P-3	Size effect in electrical transport properties of a micro fabricated NiS ₂ single crystal	Yusuke Uchida
P-4	Current-induced asymmetric magnetoresistance due to energy transfer via quantum spin-flip process	Kab-Jin Kim
P-5	Effect of the Orbital Moment Anisotropy on the interfacial Dzyaloshinskii-Moriya interaction	Sanghoon Kim
P-6	Electric field dependence of induced moment in Pt investigated with XMCD	Kihiro Yamada
P-7	Exchange bias Dependence of damping constant on relative angle between magnetization and exchange bias	Michinari Kamiya
P-8	Spin Hall effect in ferromagnets measured by spin-torque FMR	Kensho Tanaka
P-9	Electric field dependence of the g-factor in Pt/Co thin film	Hayato Mizuno
P-10	Deformation of domain structure induced by electric field	Fuyuki Ando
P-11	Temperature Dependence of Spin Hall Magnetoresistance Effect	Takaya Okuno
P-12	Exchange bias unidirectionally defined by electric current	Kento Oda
P-13	Giant interfacial spin-orbit torque in Fe MgO V tunnel junction	Shinji Miwa
P-14	Spin Conversion from Spin Waves into NV Centers in Diamond	Toshu An
P-15	Electric-field modulation of domain pattern in MgO/CoFeB/Ta multilayer	Takaaki Dohi
P-16	Simulation of spin wave propagation excited by light in a magnetic film	Kosei Himeno
P-17	Indirect detection of magnetization direction using thermal spin injection	Tatsuya Nomura
P-18	Effective dynamical spin injection induced by FMR heating in amorphous magnetic thin film	Kazuto Yamanoi
P-19	Field-like spin torque in CoFeAl/Cu/NiFe trilayers under ferromagnetic resonance	Nagarjuna Asam
P-20	Modulation of exchange anisotropy due to pure spin current injection into antiferromagnet	Yosuke Nakano
P-21	Sensitive detection of dynamical motion of magnetic vortices in magnetically coupled systems	Yohei Hidaka
P-22	Superconducting properties in ferromagnet/superconductor hybrid nano-structures	Masayuki Ishitaki
P-23	Hanle effect in a curved nonmagnetic wire	Taisei Ariki