12th RIEC International Workshop on Spintronics

June 25 (Wednesday) - 27 (Friday), 2014
Conference Room, Laboratory for Nanoelectronics and Spintronics, RIEC, Tohoku University

Time table

June 25 (Wednesday)			June 26 (Thursday)			June 27 (Friday)		
			9:00 - 9:40	T-1	**Lee**	9:00 - 9:40	F-1	**Iwasa**
			9:40 - 10:20	T-2	**Xiao**	9:40 - 10:10	F-2	**Kanai**
			Break			Break		
			10:40 - 11:20	T-3	**Garello**	10:30 - 11:10	F-3	**Hu**
			11:20 - 12:00	T-4	**Ferguson**	11:10 - 11:50	F-4	**Åkerman**
			Lunch			11:50 -	Closing	
12:30 - 13:30	Registration							
13:30 -	Opening							
13:40 - 14:20	W-1	**Fukami**	13:40 - 14:20	T-5	**Coey**			
14:20 - 15:00	W-2	**Marrows**	14:20 - 15:00	T-6	**Jungwirth**			
15:00 - 15:40	W-3	**Beach**	15:00 - 15:30	T-7	**Chen**			
Break			15:30 - 17:20	P-1 ~ P-27	**Poster session**			
16:00 - 16:40	W-4	**Hayashi**	Transfer					
16:40 - 17:20	W-5	**Thiaville**	18:00 - 19:30	Banquet				
17:20 - 18:00	W-6	**Yang**						

June 25th (Wednesday)

June 26th (Thursday)

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9:00-9:40	T-1	**Kyung-Jin Lee** *(Korea University)* **Theoretical studies on magnetic interfaces subject to spin-orbit coupling**	7
9:40-10:20	T-2	**X. Fan,[1] H. Celik,[1] K.-J Lee,[2] J. Wu,[1] T. V. O. Lorenz,[1] and John Q. Xiao[1]** *([1]University of Delaware, [2]Korea University)* **Quantifying interface and bulk contributions to spin-orbit toque in magnetic bilayers**	8
10:20-10:40		Break	
10:40-11:20	T-3	**Kevin Garello,[1] Can Onur Avci,[1] Ioan Mihai Miron,[2] Olivier Boulle,[2] Stéphane Auffret,[2] Abhijit Ghosh,[1] Manuel Baumgartner,[1] Gilles Gaudin[2], and Pietro Gambardella[1]** *([1]ETH Zurich, [2]SPINTEC)* **Ultrafast magnetization switching by spin-orbit torques**	9
11:20-12:00	T-4	**Andrew J. Ferguson** *(University of Cambridge)* **An Anti-damping spin-orbit torque originating from the Berry curvature**	10
12:00-13:40		Lunch	
13:40-14:20	T-5	**J. M. D. Coey** *(Trinity College, Dublin)* **Progress with d^0 magnetism; collective magnetic response of CeO_2 nanoparticles**	11
14:20-15:00	T-6	**Tomas Jungwirth** *(ASCR and University of Nottingham)* **Current induced spin-orbit torques in ferromagnets and antiferromagnets**	12
15:00-15:30	T-7	**Lin Chen,[1] Fumihiro Matsukura,[1] Tomasz Dietl,[1,2] and Hideo Ohno[1]** *([1]Tohoku University, [2]Polish Academy of Sciences and University of Warsaw)* **Electrical detection and control of magnetization dynamics in (Ga,Mn)As**	13
15:30-17:20		**Poster session** (Room A401)	

June 27th (Friday)

Poster Session, June 26th (Thursday) 15:30-17:20 (Room A401)