

Start	24 Feb (Sun)	25 Feb (Mon)	26 Feb (Tue)	27 Feb (Wed)	
8:00	Arrival	Transfer Mito → Tokai		Departure	
8:50		Opening address			
9:00		Jungwirth	Brataas		
9:30		Matsuo	Xia		
10:00		Kovalev	Zareyan		
10:30		Break			
11:00		Fulde	Nagaosa		
11:30		Nomura	Mori		
12:00		Murakami	Tretiakov		
12:30		Lunch			
13:00					
13:30	Free discussion				
14:00			Freeman		Hammel
14:30			Mohanty		de Loubens
15:00			Uchida		Yoshida
15:30			Yamaguchi		Otani
16:00			Break		
16:30			Blanter		Sushkov
17:00			Takahashi		Ziman
17:30			Adachi		Barnes
18:00			Reception Transfer Tokai → Mito		
18:30					

25th(Mon)			page
8:50-9:00	G.E.W. Bauer	Opening	
9:00-9:30	T. Jungwirth	Optical spin-transfer and spin-orbit torques	7
9:30-10:00	M. Matsuo	Generation of spin currents due to rigid and elastic motion	8
10:00-10:30	A.A. Kovalev	Nano-spin-mechanical coupling in nanostructures	9
Coffee		(30 minutes)	
11:00-11:30	P. Fulde	Possible spin currents in superconductors	10
11:30-12:00	K. Nomura	Thermally-induced mechanical rotation of topological insulators and superconductors	23
12:00-12:30	S. Murakami	Topological magnonic crystals and chiral edge modes	12
Lunch		(12:30-14:00)	
14:00-14:30	M. Freeman	Quantitative magneto-mechanical detection and control of the Barkhausen effect	13
14:30-15:00	R. Mohanty	Spin mechanics using nano mechanical resonators	14
15:00-15:30	K. Uchida	Acoustic spin pumping: Direct generation of spin currents from sound waves in Pt/Y ₃ Fe ₅ O ₁₂ hybrid structures	15
15:30-16:00	H. Yamaguchi	Strong modal-coupling and parametric control in electromechanical resonators	16
Coffee		(30 minutes)	
16:30-17:00	Ya.M. Blanter	Non-linear nanomechanical systems	17
17:00-17:30	S. Takahashi	Mechanical motion of fluids by spin injection	18
17:30-18:00	H. Adachi	Theory of the acoustic spin pumping	19
Reception		(18:30-20:30)	

26th(Tue)			page
9:00-9:30	A. Brataas	Mesoscopic Gilbert damping and heat flow	20
9:30-10:00	K. Xia	Thermal spin current induced switching	21
10:00-10:30	M. Zareyan	Charge Hall effect by spin-orbit interaction in spin-chiral magnetic graphene	22
Coffee		(30 minutes)	
11:00-11:30	N. Nagaosa	Theory of Skyrmions in magnets	11
11:30-12:00	M. Mori	Phonon skew scattering and phonon Hall Effect	24
12:00-12:30	O. Tretiakov	Spin flip in spin-orbit split quantum wires	25
Lunch		(12:30-14:00)	
14:00-14:30	P.C. Hammel	Spin dynamics and transport in nanoscale volumes	26
14:30-15:00	G. de Loubens	Mechanical detection of magnetization dynamics in nanostructures	27
15:00-15:30	Y. Yoshida	Spin-dependent friction observed on the atomic scale by using atomic manipulation and spin-polarized scanning tunneling microscopy	28
15:30-16:00	Y.C. Otani	Hanle velocimetry of diffusive spins in metallic lateral spin valves	29
Coffee		(30 minutes)	
16:30-17:00	O.P. Sushkov	Does the side jump effect exist?	30
17:00-17:30	T. Ziman	Theory of the spin Hall effect, and its inverse, in a ferromagnetic metal near the Curie temperature	31
17:30-18:00	S.E. Barnes	Theory of phonon drag and “spin”-motive force in InSb	32
18:00	S. Maekawa	Closing	