



Prospect of Future Spintronics

~ from physics to devices ~

2016
Aug. **29-30**

Sakura Hall, 2F, Conference Room,
Katahira Campus, Tohoku Univ.

Program

Aug. 29 (Mon)

Opening Address 9:10 - 9:30

Session1 9:30 - 10:40

Spin Dynamics

Special Lecture1 11:00 - 12:00

“Nano Spintronics”

Session2 14:00 - 15:25

Antiferromagnetic Materials

Session3 15:40 - 16:50

Semiconductor Spintronics

Session4 16:50 - 17:50, 19:00 - 20:00

Poster Sessions

Aug. 30 (Tue)

Session5 9:30 - 10:40

Magnetoresistance

Special Lecture2 11:00 - 12:00

**“All-optical helicity-dependent switching
in magnetic nano-structures and
devices”**

Session6 13:30 - 14:40

Spin Orbit Interactions

Invited speakers

Yoshichika Otani (Special Lecture1)
(The Univ. of Tokyo)

Stephane Mangin (Special Lecture2)
(Univ. de Lorraine)

Atsufumi Hirohata
(Univ. of York)

Makoto Kohda
(Tohoku Univ.)

Ken-ichi Uchida
(Tohoku Univ.)

Shun Kanai
(Tohoku Univ.)

Takahide Kubota
(Tohoku Univ.)

Access and Contact

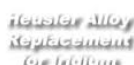


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JSPS
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On Aug. 29th (Mon)

Program

8:50	-9:10	Registration	
9:10	-9:30	Opening Address	(Y. Hirayama and A. Hirohata)

Session 1 *Spin Dynamics* (Chair : M. Takahashi)

9:30	-10:10	Invited talk	(S. Kanai)
10:10	-10:25	Student's presentation	(K. Oyanagi)
10:25	-10:40	Student's presentation	(C. J. Love)
10:40	-11:00	Coffee Break	

Special Lecture 1

11:00	-12:00	~Nano Spintronics~	(Y. Otani)
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12:00	-12:20	Photo	
12:20	-14:00	Lunch Break	

Session 2 *Antiferromagnetic Materials* (Chair: J. Sinclair)

14:00	-14:40	Invited talk	(A. Hirohata)
14:40	-14:55	Student's presentation	(J. Gompertz)
14:55	-15:10	Student's presentation	(T. Tsuchiya)
15:10	-15:25	Student's presentation	(T. Huminiuc)
15:25	-15:40	Coffee Break	

Session 3 *Semiconductor Spintronics* (Chair : S. Miyakozawa)

15:40	-16:20	Invited talk	(M. Kohda)
16:20	-16:35	Student's presentation	(M. Takahashi)
16:35	-16:50	Student's presentation	(P. D. Bentley)

Session 4 *Poster Session 1*

16:50	-17:50	Poster Session	
17:50	-19:00	Dinner Break	

Session 4 *Poster Session 2*

19:00	-20:00	Poster Session	
20:00	-20:05	Announcement (closing)	

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On Aug. 30th (Tue)

Program

Session 5 *Magnetoresistance* (Chair : T. Sasaki)

9:30	-10:10	Invited talk	(T. Kubota)
10:10	-10:25	Student's presentation	(J. Bean)
10:25	-10:40	Student's presentation	(K. Ishikawa)
10:40	-11:00	Coffee break	

Special Lecture 2

11:00	-12:00	~All-optical helicity-dependent switching in magnetic nano-structures and devices ~	(S. Mangin)
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12:00	-13:30	Lunch break	
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Session 6 *Spin Orbit Interaction* (Chair : Y. Sasaki)

13:30	-14:10	Invited talk	(K. Uchida)
14:10	-14:25	Student's presentation	(H. Gamou)
14:25	-14:40	Student's presentation	(K. Yamamoto)
14:40	-14:50	Closing	(F. Matsukura)

14:50	-15:00	Move to RIEC or IMR	
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15:00	-16:30	Lab tour in Katahira campus	
		1. Takanashi lab and Saitoh lab course or	2. Ohno lab course