

Research

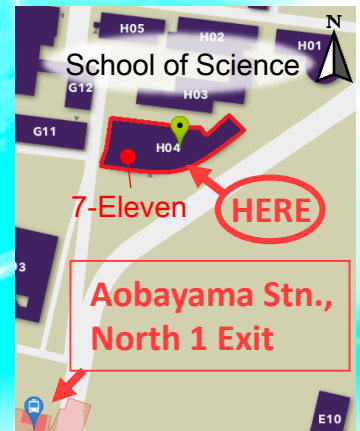


Exchange Meeting

~for latest topics of Spintronics~

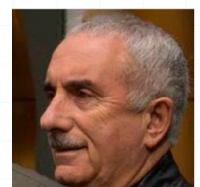
March 1-2, 2019 @ Sendai

Venue: Aoba Science Hall, Science Complex C, 2nd Floor,
Aobayama Campus, Tohoku University



Program

- Mar. 1 (Fri.)
- 8:50-9:00 Opening Address
 - 9:00-10:00 Special Lecture 1: **“Topological Dynamics”**
Invited speaker: **Mathias Kläui**
(Johannes Gutenberg University Mainz)
 - 10:20-11:40 Session 1: **Spin Dynamics1**
 - 13:30-14:30 Special Lecture 2: **“Ultrafast Dynamics”**
Invited speaker: **Robert J. Hicken**
(University of Exeter)
 - 14:30-14:50 Session 2: **Spin Dynamics2**
 - 15:10-16:10 Special Lecture 3: **“Spin-lattice Processes”**
Invited speaker: **Eugene M. Chudnovsky**
(the City University of New York)
 - 16:40-17:20 Session 3: **Spin Mechanics**
 - 17:20-20:30 Session 4: **Poster Sessions**
- Mar. 2 (Sat.)
- 10:00-10:40 Session 5: **Spin Orbit Interaction**
 - 11:00-12:00 Session 6: **Magnetic Engineering**



Supported by

Contact: Hiroki ARISAWA (h.arisawa@imr.tohoku.ac.jp)
Organized by Students of GP-Spin in Tohoku University



TOHOKU
UNIVERSITY



Mar. 1 (Fri.)

Research Exchange Meeting ~for latest topics of Spintronics~

8:30-8:50 Registration

8:50-9:00 Opening Address

Y. Hirayama

Special Lecture 1

Chair Akihiro Ozawa

Topological Dynamics

M. Kläui (Mainz)

9:00-10:00

– ultrafast spin manipulation for novel memory and logic devices

10:00-10:20

Coffee Break

Session 1 Spin Dynamics 1

Chair Hiroki Arisawa

10:20-11:00

Invited talk

K. Oyanagi (Tohoku)

11:00-11:20

Student's presentation

M. Massouras (Lorraine)

11:20-11:40

Student's presentation

M. Kameda (Tohoku)

11:40-11:50

Photo session

11:50-13:30

Lunch & Free discussion

Special Lecture 2

Chair Muhamad Arif Ihsan Noor

Ultrafast Dynamics

R. J. Hicken (Exeter)

13:30-14:30

Spintronics on picosecond timescales

Session 2 Spin Dynamics 2

Chair Yuta Yahagi

14:30-14:50

Researcher's presentation

L. Baldrati (Mainz)

14:50-15:10

Student's presentation

Y. Sasaki (Tohoku)

Special Lecture 3

Chair Takuma Sato

Spin-lattice Processes

E. M. Chudnovsky (New York)

15:10-16:10

Towards Understanding the Dynamics of Angular Momentum in Spin Qubits

16:10-16:40

Coffee Break

Session 3 Spin Mechanics

Chair Daichi Saitoh

16:40-17:00

Student's presentation

H. Arisawa (Tohoku)

17:00-17:20

Student's presentation

T. Sato (Tohoku)

Session 4

17:20-20:30

Poster session, Free discussion & Dinner



Mar. 2 (Sat.)

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Session 5 Spin Orbit Interaction

Chair Sehoon Kim

10:00-10:20	Student's presentation	Y. Yahagi (Tohoku)
10:20-10:40	Student's presentation	A. Ozawa (Tohoku)
10:40-11:00	Coffee Break	

Session 6 Magnetic Engineering

Chair Hiroki Arisawa

11:00-11:20	Student's presentation	G. Masset (Lorraine)
11:20-11:40	Student's presentation	D. Saitoh (Tohoku)
11:40-12:00	Student's presentation	J. Bello (Lorraine)
12:00-12:10	Closing remark	F. Matsukura