



TOHOKU
UNIVERSITY



1st CIES Technology Forum

March 19-20, 2015

DAY.1

Registration

[http://www.cies.tohoku.ac.jp/
1st_forum/entry.html](http://www.cies.tohoku.ac.jp/1st_forum/entry.html)

Registration fee: free

Banquet fee: 8,000JPY

Registration Deadline:

March 9, 2015

Inquiry

Tohoku University,
Center for Innovative Integrated
Electronic Systems

468-1 Aramaki Aza Aoba, Aoba-ku, Sendai, Miyagi
980-0845, JAPAN

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support-office@cies.tohoku.ac.jp

CIES will hold

1st CIES Technology Forum to

introduce our mission, vision and R&D activities
for the first time.

March 19, 2015

Otemachi Sankei Plaza (3F)

1-7-2 Otemachi Chiyoda-ku Tokyo-to
Phone No.03-3273-2258

Invited Speaker

Vincent C. Gaudet (Univ. of Waterloo)

Masahiro Ishida (Panasonic)

Seung H. Kang (Qualcomm)

Michiharu Nakamura (JST)

Hideo Ohno (Tohoku Univ.)

Andrei Slavin (Oakland Univ.)

Kevin Zhang (Intel)

Committee

T. Endoh, T. Hanyu, S. Ikeda,
Y. Ohshima

Secretariat

T. Shinada, Y. Kadowaki

Sponsors / Organizations [TBD]

MEXT, METI, JST, NEDO

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Visionary | Cutting-edge | Networking

Otemachi Sankei Plaza (3F)

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10:30-10:40	Opening Remarks	Tetsuo Endoh (Tohoku Univ.)
10:40-11:15	Invited talk 1 The Role of Science and Technology in Future Manufacturing	Michiharu Nakamura (JST)
11:15-11:50	Invited talk 2 Challenges & Opportunities in STT-MRAM for Logic Applications	Kevin Zhang (Intel)
11:50-12:25	Invited talk 3 Free and Driven Spin Wave "Bullet" Mode Excited by Pure Spin Current	Andrei Slavin (Oakland Univ.)
12:25-14:25	Lunch	
14:25-15:00	Invited talk 4 Spintronics Devices for Integrated Circuits - An Overview	Hideo Ohno (Tohoku Univ.)
15:00-15:35	Invited talk 5 STT-MRAM: Current Status of Technology and Productization	Seung H. Kang (Qualcomm)
15:35-15:50	Break	
15:50-16:25	Invited talk 6 Opportunities and design environments for neural recording circuitry	Vincent C. Gaudet (Univ. of Waterloo)
16:25-17:00	Invited talk 7 GaN-based Gate Injection Transistors for Power Switching Applications	Masahiro Ishida (Panasonic)
17:00-17:10	Closing Remarks	Takahiro Shinada (Tohoku Univ.)
17:30-19:00	Banquet	

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