



2014 Spintronics Workshop on LSI



June 13, 2014, 19:00 – 20:45

Hilton Hawaiian Village, Honolulu, Hawaii

Mid-Pacific Conference Center: South Pacific

General Information

The 2014 Spintronics Workshop on LSI will be held at Hilton Hawaiian Village, Honolulu, Hawaii, on June 13, 2014, in conjunction with the VLSI Symposium on Technology as a Satellite Workshop of the 2014 VLSI Symposia. The workshop will focus on VLSI-implementable Spintronics Technology. Five papers will be presented from invited speakers. The workshop is sponsored by Center for Innovative Integrated Electronic Systems (CIES), and Center for Spintronics Integrated Systems (CSIS) Tohoku University.

Registration

The workshop fee is free of charge but registration is required. Download the registration form below and send it to
E-mail: sien@riec.tohoku.ac.jp
FAX : +81+22-217-6117



Click here for registration form.
Dead Line : June 5, 2014.

PROGRAM

Opening 19:00 - 19:05	Opening Remarks : Hideo Ohno (Tohoku University, Program Chair)
Invited talk 19:05 - 19:25	Implementation of Associative Memories with MTJ-based Logic-in-Memory Architecture Warren J. Gross (McGill University)
Invited talk 19:25 - 19:45	Challenge of Nonvolatile Logic-in-Memory Architecture: Design Examples and the Future Prospects Takahiro Hanyu (Tohoku University)
Invited talk 19:45 - 20:05	Spintronics-based Nonvolatile Computers Tetsuo Endoh (Tohoku University)
Invited talk 20:05 - 20:25	Perspective in STT-MRAM Market and Technology Akihisa Sekiguchi (Tokyo Electron)
Invited talk 20:25 - 20:45	Magnetic tunnel junctions with (Co)FeB-MgO double-interface recording structure for nonvolatile VLSIs Shoji Ikeda (Tohoku University)

Program Chair: Hideo Ohno (Tohoku University)

Program Committee: Philip Wong (Stanford University, Executive Committee Member of the 2014 Symposia on VLSI Technology and Circuits)

Hitoshi Wakabayashi (Tokyo Institute of Technology, JSAP Executive Committee Member of the 2014 Symposia on VLSI Technology and Circuits)

Tetsuo Endoh (Tohoku University)

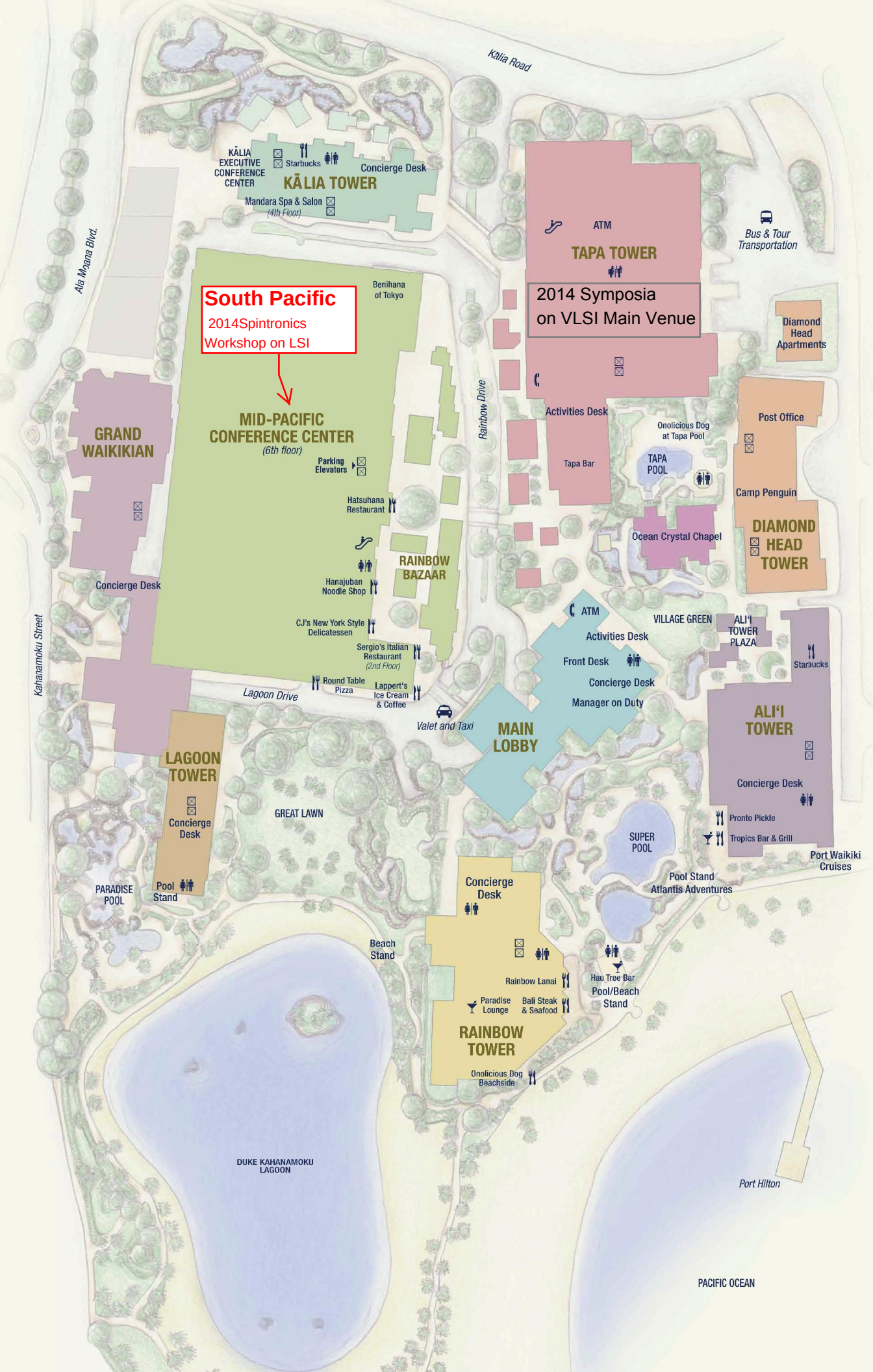
Takahiro Hanyu (Tohoku University)

Masaaki Niwa (Tohoku University, JSAP Executive Committee Member of the 2014 Symposia on VLSI Technology and Circuits)

Secretary: Naoki Kasai (Tohoku University)
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South Pacific

2014 Spintronics
Workshop on LSI

**MID-PACIFIC
CONFERENCE CENTER**
(6th floor)

**2014 Symposia
on VLSI Main Venue**

TAPA TOWER

ATM

Bus & Tour
Transportation

Diamond
Head
Apartments

Post Office

Camp Penguin

**DIAMOND
HEAD
TOWER**

ALI'I
TOWER
PLAZA

**ALI'I
TOWER**

Concierge Desk

Pronto Pickle
Tropics Bar & Grill

Port Waikiki
Cruises

Port Hilton

PACIFIC OCEAN

Kālia Road

Ala Moana Blvd.

Kahanamoku Street

Rainbow Drive

Lagoon Drive

Valet and Taxi

KĀLIA
EXECUTIVE
CONFERENCE
CENTER

KĀLIA TOWER

Mandara Spa & Salon
(4th Floor)

Concierge Desk

Starbucks

Benihana of Tokyo

Parking
Elevators

Hatsuhana
Restaurant

Hanajuban
Noodle Shop

C.J.'s New York Style
Delicatessen

Sergio's Italian
Restaurant
(2nd Floor)

Round Table
Pizza

Lappert's Ice Cream
& Coffee

**RAINBOW
BAZAAR**

**MAIN
LOBBY**

ATM

Activities Desk

Front Desk

Concierge Desk

Manager on Duty

VILLAGE GREEN

Ocean Crystal Chapel

Onolicious Dog
at Tapa Pool

TAPA POOL

Activities Desk

Tapa Bar

**GRAND
WAIKIKIAN**

Concierge Desk

**LAGOON
TOWER**

Concierge
Desk

Pool
Stand

PARADISE POOL

GREAT LAWN

Beach
Stand

Concierge
Desk

Rainbow Lanai

Paradise Lounge
Bali Steak & Seafood

**RAINBOW
TOWER**

Onolicious Dog
Beachside

Hau Tree Bar

Pool/Beach
Stand

Pool Stand
Atlantis Adventures

SUPER POOL