

2nd Global COE  
Student Conference on  
Innovative Electronic Topics  
(SCIENT2010)



GCOE CEDI  
Osaka Univ.  
SCIENT2010

July 28-29 2010

Icho Kaikan, SUITA Campus of Osaka Univ.,  
Suita, Osaka, Japan



Second Circular

<http://www.eei.eng.osaka-u.ac.jp/gcoe/scient2010/>

**Important Dates**

Paper Submission Deadline: June 25  
Registration Deadline: July 9

**Invitation**

It is a great pleasure to announce that the 2nd Global COE Student Conference on Innovative Electronic Topics (SCIENT2010) will be held at Icho Kaikan, Osaka Univ. from July 28 to 29, 2010.

The conference will focus on research challenges in the future electronic devices and provide opportunities for scientists and engineers working in various fields of electronic devices to exchange views. You are cordially invited to participate in the conference.

Keiko Masumoto, Committee Chair  
Osaka University

**Topics**

Sensor devices  
Photonic devices  
Power devices  
New materials for electronic devices  
Characterization and analysis of electronic devices  
LSI implementation of electronic devices  
Other innovative devices

**Sponsorship and Support**

Sponsored by  
The Global COE Program  
"Center for Electronic Devices Innovation"  
Cospponsored by  
Graduate School of Engineering, Osaka University  
Graduate School of Engineering Science,  
Osaka University  
Electronics Collaboration Initiative "Leptos"

**Plenary Lectures**

Prof. Jin Jang (Kyung Hee University, Korea)  
"Manufacturing and Device Physics  
of Printed TFTs"

Dr. Tadashi Nishimura  
(Renesas Electronics Corporation, Japan)  
"A Trend of Semiconductor Industry"

**Invited Lectures**

Prof. Richard Averitt (Boston University, USA)  
"Terahertz Metamaterials:  
Recent Developments and New Opportunities"

Dr. Maxim Shkunov  
(University of Surrey, United Kingdom)  
"Organic Electronics:  
From Transistors to Solar Cells"

Dr. Hajime Shibata (Analog Devices Inc., Canada)  
"Introduction to Delta-Sigma Analog-to-Digital  
Converters and the Recent Research Topics"

**Outline of the Program**

	July 28 (9:00-20:30)	July 29 (10:00-15:20)
AM	Opening Remarks Plenary Lectures Plenary Lectures Invited Lectures	Plenary Lectures Invited Lectures Oral Presentations Closing Remarks
PM	Short Presentations Poster Presentations Banquet	

## General Chair

Prof. Kenji Taniguchi

Division of Electrical, Electronic and  
Information Engineering,  
Graduate School of Engineering,  
Osaka University

## Organizing Committee

Executive Committee Chair

Keiko Masumoto

Committee Members

Ryuhei Kinjo

Achara Pichetjamroem

Kenji Tagashira

Ryosuke Kaneko

Takahiro Kodama

Tetsuji Daido

Division of Electrical, Electronic and  
Information Engineering,  
Graduate School of Engineering,  
Osaka University



## Call for Papers

Participants presenting a paper at the conference are requested to submit a paper (PDF format, A4-size). Your paper must be one-page and written in English. The paper template for the preparation is provided on our web site. The paper must be submitted by June 25, 2010.

[http://www.eei.eng.osaka-u.ac.jp/gcoe/scient2010/call\\_for\\_papers.html](http://www.eei.eng.osaka-u.ac.jp/gcoe/scient2010/call_for_papers.html)

## Registration

All of participants are requested to do online registration, regardless of paper submission. The registration fee will be free except for banquet.

<http://www.eei.eng.osaka-u.ac.jp/gcoe/scient2010/registration.html>

## Presentation Awards

Oral and poster presentations will be considered for the Presentation Awards. The award winners will be decided based on the paper and presentation.

## Banquet

A banquet will be held on Wednesday evening, July 28. Banquet fee is JPN 3,000 (free for students).

## Accommodation

Please contact hotels near Osaka University, as listed on our web site.

## Location

SUITA Campus is located in Suita City at north Osaka. Detailed access map is available at Osaka University web site.

<http://www.osaka-u.ac.jp/en/access>

A SUITA Campus map is also available at following web page, and the main venue for SCIENT2010, Ichō Kaikan is indicated at number 57 in the map.

<http://www.osaka-u.ac.jp/en/access/suita.html>

## Contact

SCIENT2010 Web page

<http://www.eei.eng.osaka-u.ac.jp/gcoe/scient2010/>

SCIENT2010 Secretariat

[scient@gcoe.eei.eng.osaka-u.ac.jp](mailto:scient@gcoe.eei.eng.osaka-u.ac.jp)



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