

## Organizing Partners

### Japan

Cabinet Office, Government of Japan (Cabinet Office)  
National Institute for Materials Science (NIMS)  
Japan Electronics and Information Technology Industries Association (JEITA)  
Nanotechnology Business Creation Initiative (NBCI)

### USA

National Science Foundation (NSF)  
Semiconductor Industry Association (SIA)  
Semiconductor Research Corporation (SRC)

### EUROPE

European Commission (EC)  
European Nanoelectronics Initiative Advisory Council (ENIAC)  
Fraunhofer-Verbund Mikroelektronik (VuE)  
Inter-University Microelectronics Center (IMEC)  
Laboratoire d'Electronique de Technologie de l'Information (Leti)

## General Information

**Date:** 14(Mon.)-17(Thu.) April 2008

**Venue:** Hitotsubashi Memorial Hall  
2-1-2 Hitotsubashi Chiyoda-ku, Tokyo, Japan

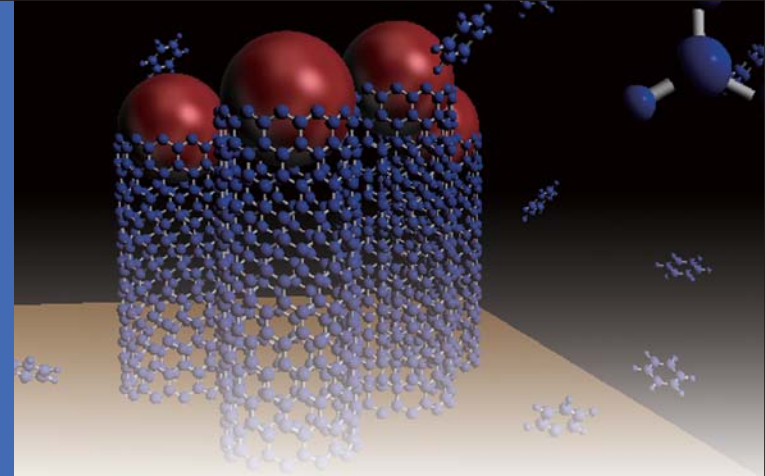
### Important Dates:

7 March 2008 deadline abstract submission for Poster  
14 March 2008 notification to authors  
28 March 2008 early registration deadline

### Registration fee

Pre-Registration	¥50,000	
Poster Presenter	¥20,000	
On-site Registration	¥70,000	
One Day Registration		
	Pre-registration	On-site Registration
15(Tue)	¥20,000	¥35,000
16(Wed)	¥20,000	¥35,000
17(Thu)	¥10,000	¥25,000

For program details, hotel information and registration, please visit INC4 web site <http://inc4.inc-conf.net>



**The Fourth International Nanotechnology Conference on Communication and Cooperation**

# INC4

**14-17 April, 2008  
Tokyo, Japan**



Contact address  
ICS Convention Design, Inc.  
Sumitomo Corp. Jinbocho Bldg., 3-24 Kanda-Nishikicho, Chiyoda-ku,  
Tokyo 101-8449, Japan  
Phone: +81-3-3219-3541 Fax: +81-3-3292-1811  
E-mail: [inc4@ics-inc.co.jp](mailto:inc4@ics-inc.co.jp)  
<http://inc4.inc-conf.net>



## About INC

For the fourth year in a row, global senior researchers, industry leaders and policy makers will gather at the International Nanotechnology Conference on Communication and Cooperation. In 2008, Tokyo, the heart of Japan, will be the communal ground for in-depth discussions and technical sessions on a variety of issues related to the future of international collaboration in nanotechnologies.

In order to further strengthen the continuous dialogue between Japan, Europe and the United States, broad regional overviews will be combined with detailed presentations from each of the regions.

## Previous Conferences

- INC 1**  
June 1 - 3, 2005 San Francisco, USA
- INC 2**  
May 15 - 18, 2006 Arlington, USA
- INC 3**  
April 16 - 19, 2007 Brussels, Belgium

## Mission of INC4

To foster communication and cooperation on nanotechnology subjects among the organizers, sponsors and the world scientific community to stimulate and support economic growth in the 21st century.

## Executive Committee

### Japan

Cabinet Office  
NIMS  
JEITA  
NBCI

Kenji Oeda  
Teruo Kishi  
Tsutomu Handa  
Hajime Sasaki

### USA

NSF-NNI  
IDA  
SIA  
SRC

Mihail Roco  
Cliff Lau  
Paolo Gargini  
Ralph Cavin

### Europe

CEA-LETI  
EC - DG Information Society & Media  
EC - DG Research  
STMicroelectronics  
Fraunhofer Gesellschaft  
IMEC

Michel Brillouët  
Dirk Beernaert  
Renzo Tomellini  
Dominique Thomas  
Heinz Gerhaeuser  
Gilbert Declerck

## Confirmed Speakers

- |                                       |   |
|---------------------------------------|---|
| Tsuneya Ando (Tokyo Tech)             | Jo-Won Lee (Tera-level Nanodevices)                               |
| Philippe Andreucci (CEA-LETI)         | Mark Lundstrom (Purdue U.)  |
| Tanemasa Asano (Kyusyu U.)            | Seizo Miyata (NEDO)   |
| Harry Atwater (Caltech)               | Pierre Nicole (Thales)  |
| Giorgio Baccarani (U. Bologna)        | Kenji Oeda (Cabinet Office)                                       |
| Dirk Beernaert (EC)                   | Mitsuhiko Ogihara<br>(Oki Digital Imaging Corp.)                  |
| Laurent Bosson (STMicroelectronics)   | Valluri Rao (Intel Corp.)   |
| Jürgen Brugger (EPFL)                 | Mihail Roco (NSF/NNI)   |
| Nicholas Deliyianakis (EC)            | Martin S. Brandt<br>(Technische Universität München)              |
| Denis Deppe (UCF/CREOL)               | Clivia Sotomayor Torres<br>(Catalan Inst. of Nanotech. & Tyndall) |
| Masayoshi Esashi (Tohoku U.)          | Shinichi Takagi (U. of Tokyo)                                     |
| Paolo Gargini (Intel)                 | Thomas Theis (IBM)  |
| Toshiro Hiramoto (U. of Tokyo)        | Yoshinori Tokura (U. of Tokyo)                                    |
| Makoto Ishida (Toyohashi U. of Tech.) | Hisatsune Watanabe (Selete)                                       |
| John Kasianowicz (NIST)               | Jeffrey Welser (NRI)  |
| Wu Maw Kuen (Academia Sinica)         |   |

## PROGRAM

### Nanotech in Japan April 14 (Mon)

Simultaneous Interpretation (Japanese ↔ English)

National Nanotechnology Program  
Keynote Lecture  
R&D Accomplishments (1)  
R&D Accomplishments (2)  
R&D Accomplishments (3)

### INC4 April 14 (Mon)

Welcome Reception with Poster Viewing

### INC4 April 15 (Tue)

Opening  
Regional Update  
Keynote Lecture  
Nanoelectronics (1) (More Moore)  
Nanoelectronics (2) (Beyond CMOS)

Conference Dinner (Gakushi-kaikan)

### INC4 April 16 (Wed)

Bridge to Bio  
Bridge to MEMS/NEMS  
Bridge to Photonics  
Report from IPWGN  
Nanotechnology for Energy  
Introduction of Posters

Poster Viewing Reception

### INC4 April 17 (Thu)

Societal Implications and Education  
Wrap Up (Panel Discussion)  
Closing