

*Fifth International Conference on
Molecular Electronics and Bioelectronics (M&BE5)*



CALL FOR PAPERS

**March 15-18, 2009 at Miyazaki International Conference Hall,
Phoenix Seagaia Resort, Miyazaki, Japan**

Sponsored by "The Japan Society of Applied Physics",

"Division of Molecular Electronics and Bioelectronics - The Japan Society of Applied Physics"

The Molecular Organic Electronics and Bioelectronics Division of the Japan Society of Applied Physics has been organizing the biannual International Conference on Molecular Electronics and Bioelectronics (M&BE) since its inception in 2001. The first conference was held at Awaji Island, Japan, in March 2001, and the second to fourth conferences were in Tokyo, in 2003, 2005, and 2007. We are delighted to announce that we are organizing the fifth international conference in Miyazaki, Japan, in the forthcoming March 2009.

Recent progress in every aspect of science and technology related with electronics and photonics using organic molecules, polymers, and bio-related materials will be discussed at M&BE5. Topics on basic studies such as fabrication and characterization of thin films, interfacial phenomena, spectroscopy, and single-molecule manipulations, as well as application-oriented studies, related to LEDs, FETs, solar cells, memory devices, biochips, biosensors and so on, are all included. A limited number of plenary and invited lectures by oversea-guest speakers, as well as domestic guest speakers, will be arranged. Contributed papers will be presented in both oral and poster sessions.

You are cordially invited to join this exciting conference held at one of the best resorts in Japan, Phoenix Seagaia Resort (Miyazaki, Japan), in March 2009. Especially, participation of young and motivated researchers is highly encouraged. The conference will provide excellent opportunities for sharing ideas, stimulating discussions, and information exchange for scientists.

We look forward to meeting you at Phoenix Seagaia Resort, Miyazaki, Japan in an early spring season of 2009.

Prof. Keiichi Kaneto
M&BE5 Chair

Topics

- Fabrication Technique and Characterization
- Molecular Electronics (Basic properties, molecular design, interfacial phenomena, and spintronics etc.)
- Molecular Photonics (Lasing, nonlinear optical and photorefractive materials etc.)
- Liquid crystals, Polymers, and Other Soft-materials (Material science, gel, colloid, carbon fiber etc.)
- Biomolecular Electronics, Bioanalysis, (Biomaterials, bioelectronics and sensor etc.)
- Organic Devices (LED, FET, solar cells, memory devices, organic semiconductor LASER etc.)
- Nanocarbon and Nanotechnology (Graphene, nanotube, fullerene)

Schedule

• Abstract Registration - DEADLINE-: January 15, 2008 (Late Abstracts Not Accepted)

Authors are invited to submit a one-page (A4 size, black and white only) abstract attached to an email to the secretariat. Only PDF file (via E-mail) is accepted. Abstract preparation and submission details are available on our website: (<http://annex.jsap.or.jp/support/division/MandBE/mbe5/>)

• Conference schedule

March 15 (Sun) Registration
March 16 (Mon) Invited speeches, Oral presentations, and Poster sessions, Banquet (in the evening)
March 17 (Tue) Invited speeches, Oral presentations, and Poster sessions
March 18 (Wed) Excursion

•Paper submission for “Special issue of Japanese Journal of Applied Physics”

The participants to the conference are strongly encouraged to submit original papers to the special issue.

The deadline for submission is March 17, 2009 (during the conference).

The submitted original papers will be published in a “**Special issue of Japanese Journal of Applied Physics.**”

The detailed information of the application form for the original paper will soon be available on the web site of M&BE5.

The special issue on Molecular Electronics and Bio-electronics, Japanese Journal of Applied Physics is scheduled for publication on January, 2010. If you want any further information, please contact the secretariat general.

Registration

The registration fee includes admission to technical sessions and one copy of Abstract.

Type	Before /on Jan. 15, 2009	After Jan. 15, 2009
Member*	35,000 yen	40,000 yen
General (Non-member)	45,000 yen	50,000 yen
Student	15,000 yen	20,000 yen

*Member of sponsor and cooperative society

Those who wish to attend M&BE5 should fill out the Registration Form, and send it to the secretariat general. After that, the registration will be processed at the conference site upon arrival. The Registration Form will be available on our website: (<http://annex.jsap.or.jp/support/division/MandBE/mbe5/>)

• **Cancellation Policy -There will be no refunds for the registration fee-**

Venue

The M&BE5 will take place at Miyazaki International Conference Hall in Phoenix Seagaia Resort (http://www.seagaia.co.jp/index_en.html). Phoenix Seagaia Resort is located in Miyazaki prefecture, Japan. Miyazaki is located in the Kyushu island, which is the southernmost of the four main islands of Japan. Miyazaki international airport is connected with direct flights from Tokyo, Osaka, Fukuoka, Nagoya, Seoul and Taipei. The conference venue is located 10 km north (30min. by bus) of Miyazaki international airport. Three accommodation facilities are in the Resort.

Plenary talks

Gero Decher

CNRS, France

Tetsuo Tsutsui

Kyushu Univ., Japan

Invited speakers

Chihaya Adachi

Kyushu Univ., Japan

Rigoberto C. Advincula

University of Houston., USA

Eric Wei-Guang Diau

National Chiao Tung Univ., Taiwan

Kenji Hata,

AIST, Japan

Hirotsugu Kikuchi

Kyushu Univ., Japan

Eunyoung Kim

Yonsei Univ., Korea

Sung June Kim

Seoul National Univ., Korea.

Heinz Kitzerow

Univ. of Paderborn, Germany

Takao Someya

Univ. of Tokyo, Japan

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Fumio Nakamura (secretariat)

Toray Industries, Inc.

E-mail: fumio_nakamura@nts.toray.co.jp

FAX: +81-467-32-8364