

*9th International Conference on
Molecular Electronics and Bioelectronics (M&BE9)*

CALL FOR PAPERS

June 26-28, 2017

Ishikawa Ongakudo and ANA Crowne Plaza Kanazawa, Kanazawa, Japan

Organized by

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

The Molecular Electronics and Bioelectronics Division of the Japan Society of Applied Physics has continued the organization of the biannual International Conference on Molecular Electronics and Bioelectronics (M&BE9) since its inception in 2001. The last meeting was held on Funabori in Tokyo, in 2015. We are delighted to announce that we are organizing the 9th international conference in Kanazawa, Japan, in the forthcoming June 2017.

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&BE9. Topics on basic studies such as fabrication and characterization of thin films, interfacial phenomena, spectroscopy, and single-molecule manipulations are all included. A limited number of plenary, keynote and invited lectures by oversea-guest speakers, as well as domestic guest speakers, were arranged. Contributed papers will be presented in both oral and poster sessions.

You are cordially invited to join this exciting conference, M&BE9. Especially, the attendance of young and motivated researchers from Asian countries is highly encouraged. The conference is expected to provide excellent opportunities for sharing ideas, stimulating discussions, and information exchange for scientists.

We look forward to meeting you at Kanazawa in June 2017.

Prof. Yuji Yoshida
M&BE9 Chair

Topical sessions

- 01: Single cell measurements and manipulations
- 02: Biosensing technologies for diagnostics
- 03: Singlet Fission
- 04: Next era computing contributed by M&BE
- 05: Molecular interfaces
- 06: Iontronics

Normal sessions

- A: Materials, Fabrication and Characterization
- B: Organic devices
- C: Energy devices & cells
- D: Bio-electronics, bio-analysis, and bio-interfaces

Plenary lectures

Prof. Toshio Yanagida (Osaka University): Session 01, Single cell measurements and manipulations

Prof. James K. Gimzewski (UCLA): Session 04, Next era computing contributed by M&BE

Prof. Henning Sirringhaus (University of Cambridge): Session B, Organic devices

Keynote speakers

Prof. Takahiro Ochiya (NCC): Session 02, Biosensing technologies for diagnostics

Prof. Norbert Koch (Humboldt-Universität zu Berlin): Session 05, Molecular interfaces

Dr. Akshay Rao (University of Cambridge): Session 03, Singlet Fission

Prof. George G. Malliaras (MINES Saint Etienne): Session 06, Iontronics

Prof. C. Daniel Frisbie (University of Minnesota): Session 06, Iontronics

Abstract

A one page (A4 size, black and white) abstract is due by **March 20, 2017**.

Details are announced on the conference web site at <http://www.mbe.jp>

Special Issue of Jpn. J. Appl. Phys.

The conference papers will be published in the special issue of Japanese Journal of Applied Physics. The participants to the conference are strongly encouraged to submit their review and/or original papers to the special issue. The deadline for submission is **June 30, 2017**. The accepted papers will appear in the April 2018 issue. The detailed information is announced on the web site.

Conference Schedule

	AM	PM	Evening
June 26, 2017	Registration	Opening remarks, Plenary, Invited, and Contributed Talks	Poster session
June 27, 2017	Registration, Plenary, Keynote, Invited, and Contributed Talks	Keynote, Invited, and Contributed Talks	Banquet
June 28, 2017	Registration, Plenary, Keynote, Invited, and Contributed Talks	Invited, and Contributed Talks, Closing remarks	

Registration

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

Type	Before/on April 30, 2017	After May 1, 2017	Banquet
Member*	40,000 yen	45,000 yen	5000 yen
General (Non-member)	45,000 yen	50,000 yen	5000 yen
Student	15,000 yen	20,000 yen	5000 yen

*Member of sponsor and cooperative society (see the details at <http://www.mbe.jp>)

The registration site will be open until May 31, 2017. The major credit cards are accepted for payment.

Venue

M&BE9 will take place at Ishikawa Ongakudo (20-1, Showa-machi, Kanazawa, 920-0856 Japan) and ANA Crowne Plaza Kanazawa (16-3, Showa-machi, Kanazawa, 920-0856 Japan) located in Kanazawa, Ishikawa, Japan. (The venue is located in front of Kanazawa railway station.) Kanazawa railway station is connected with super-express train (Hokuriku shinkansen) from Tokyo, an express train (Thunderbird) from Osaka and an express train (Shirasagi) from Nagoya.

Contact

If you have any queries, please feel free to contact Secretariat General at mbe9@mbe.jp

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Map

