



3'D MICHAEL NOBEL ENERGY TECHNOLOGY SYMPOSIUM

The Use of Renewable Energy in Asia

An International Collaboration of Academia and Industry in the vision of
the Asia Energy Network

Organizers : Technology Forum for the Future Asia (TeFFA)

Solar Energy Society of India

FIE, Tokyo Institute of Technology

University of Tsukuba Forum on Power Electronics Tomorrow (UTOP)

Japan University of Economics Graduate School of Business Institute to

Support the Value-creating Company

Institute of Innovation and Future Creation

An increasingly urgent issue is how the world can and should secure its energy production and transmission in the coming decades, not to mention Japanese considerable concerns on the same issue. The Technology Forum for the Future Asia (TeFFA) and five other institutes hereby jointly propose an international symposium on the theme, "Use of Renewable Energy in Asia and the Asian Energy Sunbelt Network".

The name of the meeting is the 3'd Michael Nobel Energy Technology Symposium. We will have an on-line discussion with Dr. Michael Nobel, visiting professor at Seisa University and previously guest professor of the Tokyo Institute of Technology.

The symposium takes place on October 1, 2014. It provides the participants with an opportunity to discuss the use of the renewable energy and it's solutions and to consider the challenges and visions of the Asia Sunbelt Energy Network as well as how Japanese universities, university spin-off ventures, and industries, can and should take responsible positions.

Date: October 1, 2014 Wednesday

Time: 12:30 -- 17:20 Symposium (doors open at 12:00)
18:00 -- 19:30 Dinner

Location: 246 Hall, 24-5 Sakuragaoka-cyo, Shibuya-ku, Tokyo
Japan University of Economics, Shibuya Campus

PROGRAM/ SPEAKERS (tentative)

- 12:30 Introduction
- 12:35 Message from Dr. Michel Nobel
- 12:50 Internet Meeting “What could be the potential results of the symposium?”
Dr. Michel Nobel, Prof. Marta Molinas, Mr. Rajinder Kumar Kaura,
Mr. Kyoji Kunitomo
- 13:00 Proposal of “Asia Energy Network (AEN)”
Dr. Toshihiro Hirai, TeFFA
- 13:15 “New Industry Policy and Sustainable Energy in India”
Mr. Rajinder Kumar Kaura, Vice-president, Solar Energy Society of India
- 13:45 “The Use of Renewables in Nordic Countries”
Prof. Marta Molinas, Norwegian University of Science and Technology
- 14:15 “Smart Buildings and Smart Communities”
Mr. Kiyoyuki Kitamura, General Manager, Meidensha Corporation
- 14:45 “Challenges to Develop an EV Market and a Proposal on EV Battery Cooling”
Prof. Hirokazu Hirano, Kanagawa Institute of Technology
- 15:15-15:40 Coffee Break
- 15:40 “Community EV in Cities and its Elemental Technologies”
Mr. Masao Ono, President & CEO, Tokyo R&D Company
- 16:10 “Achievements of Yokohama Smart City Project”
Mr. Masato Nobutoki, Director, Global Warming Prevention Headquarters,
Yokohama City
- 16:40 “Application of Li-ion Capacitor to Renewable Energy Utilization”
Dr. Chisato Marumo, General Manager, JM Energy Corporation
- 17:10 Summary and Conclusions
Mr. Hiroshi Kato, Digital Process LTD.
- 17:20 Closing Remarks
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18:00 - 19:30 Dinner at “Bel Mar Restaurant”, Shibuya Culture Center 1F

ENROLLMENT

Maximum number of attendants: 80 persons

(Upon reach of the maximum number, the enrollment will be closed)

Fee: Symposium ¥2,000, student ¥1,000

Banquet ¥3,000

Applications: e-mail applications for attendance to be sent to teffareg@ybb.ne.jp including specifications of the following items; (1) "Michael Nobel Symposium" (2) name, (3) affiliate, (4) contact address (zip, address, tel, e-mail address), (5) banquet participation confirmation

the latest information on the program can be found at the following link:

<http://www.teffa.org/>

Technology Forum for the Future Asia (TeFFA)

TeFFA promotes exchange of information and collaboration between research organizations both domestically and abroad which conduct solution-oriented research for the future needs of the society and industry.

TeFFA stimulates contacts with university researchers, industry, governments and NPO's, especially in the field of renewable energy technology, in order to create new projects in which to collaborate.

TeFFA involves various Asian countries for research into new social systems and has developed collaboration with outside events such as the 3rd Michael Nobel Energy Technology Symposium.

Asia Energy Network (AEN)

The AEN invites Japanese industry and academia to a joint collaboration in the following four areas:

1. To conduct practical research on how to reach promising solutions of urgent and imminent energy issues that the Asian nations will face in the medium and longer term future

2. To develop research on how to implement the results of solution oriented research into international society,
3. To expand the international research network for renewable energy,
4. To renew and strengthen the industry-academia collaboration platform.

It is expected that these actions will enable Japanese industry and academic worlds to commit to the following measures:

1. To form a plan for international projects to be swiftly and appropriately implemented in many countries
2. To conduct substantive tests overseas
3. To promote exchange of technology with the partner country as well as to develop and cultivate the human resources among the different partners.

The organizations recognize the challenges to overcome such issues as the institutional and legal differences in infrastructure availability, of intellectual property, of international management, of financial resources and credits, of deflection of human resources and others. We expect some fruitful discussions at this occasion of the above issues and proposals on how to overcome them.