



INVITATION TO JAPAN-NETHERLANDS SEMINAR

Date : June, 2016

Recent PV technology developments

Embassy of the Kingdom of the Netherlands

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The Embassy of the Kingdom of the Netherlands in Tokyo organizes a seminar on **Wednesday 20 July 2016**, on recent photovoltaic (PV) technology developments. The objective of the event is to promote international research partnerships between academia and industry.

The seminar is organized in the light of the collaboration between ECN, the Energy Research Centre of the Netherlands, and FREA, Fukushima Renewable Energy Institute in Japan.

During the seminar **Dr. Wim Sinke**, Manager Program Development, Solar Energy of ECN, **Ms Izumi Kaizuka**, Manager of the Research Division of RTS Corporation, and **Dr. Shigeru Niki**, Director Renewable Energy Research Center of FREA/AIST, will present development and applications of PV technologies in the Netherlands, Japan and Europe. These will be followed by a discussion and a reception for more informal talks.

For more details and registration, please see following pages.

Sincerely

Jan-Hein Christoffels
Innovation Counsellor

Date : Wednesday, 20 July 2016, 15:00-18:00
Venue : Deshima Lounge, Embassy of the Kingdom of the Netherlands
Address : 3-6-3 Shiba-Koen, Minato-ku, Tokyo
Language : English
Registration : send an e-mail to mariko@nost.jp, stating name, organization,
telephone and your e-mail address. Use "PV seminar 20 July" in subject.
Information : Ms. Mariko Nakano (03-5776-5517)

Agenda

(14:30 -	Registration)
15:00 -15:05	Welcome by Rob Stroeeks, Netherlands Embassy
15:05 -15:45	Dr. Wim C. Sinke , Manager Program Development, Solar Energy, ECN <i>Development and application of PV technologies in the Netherlands and in Europe</i>
15:45 -15:50	Break
15:50 -16:15	Ms. Izumi KAIZUKA , RTS Corporation <i>Trends of Renewable Energy - Focusing on Solar PV</i>
16:15 -16:50	Dr. Shigeru Niki , Director Renewable Energy Research Center, Advanced Industrial science and Technology (AIST) <i>Research and Development of Renewable Energy Technologies at FREA, AIST -Focusing on PV Technologies-</i>
16:50 -17:00	Discussion
17:00 -18:00	Reception

Presenters

Dr. Wim C. Sinke, ECN

Wim Sinke (1955) is Manager Program Development at ECN Solar Energy in Petten, The Netherlands, part-time professor Photovoltaic Energy Conversion at the University of Amsterdam and board member of the TKI Urban Energy (the Netherlands public-private partnership for energy innovation in the urban environment, including solar energy). He is also scientific advisor at the FOM Institute AMOLF in Amsterdam and co-chairman of the European Photovoltaic Technology Platform.

Wim Sinke studied experimental physics at Utrecht University, where he graduated in 1981. He did PhD research at AMOLF and received a doctor's degree from Utrecht University in 1985 for a thesis entitled "New physical processes for silicon solar cells". From 1986 to 1987 he was a visiting scientist at the Hitachi Central Research Laboratory in Tokyo, where he worked on thin-film silicon. In 1987 he re-joined AMOLF to work on crystalline silicon solar cells, material properties of amorphous silicon, and ion and laser processing of semiconductors. In 1990 he moved to the Energy research Centre of the Netherlands ECN to set up a new group on photovoltaics (PV). This group has grown to a size of 80 staff and covers a range of topics, including wafer-based silicon and thin-film solar cells and modules, and environmental and economic analyses of PV.

Wim Sinke has received several prestigious awards, including the Royal Dutch/Shell Prize for Sustainability and Energy in 1999 and the European Becquerel Prize for outstanding merits in photovoltaics in 2011. In 2015 he was appointed a Knight in the Order of the Netherlands Lion for his contributions to the development and promotion of solar energy.



Ms. Izumi KAIZUKA, RTS Corporation

Ms Izumi Kaizuka is the manager of Research Division in RTS Corporation based in Tokyo, a PV consulting company with more than 30 years history.

She has been Japan's representative of IEA PVPS Task 1 (Group for PV strategic analysis and communication) since 2003 as an analyst of PV policy, market and industry. She is one of the authors of IEA PVPS Trends Report describing the PV market situation.



She is responsible for various research projects for the Ministry of Economy, Trade and Industry (METI), The New Energy and Industrial Technology Development Organization (NEDO) and other government organizations.

She also contributes as advisory member for Future PV Innovation project and other scientific groups.

Dr. Shigeru Niki, FREA

Director, Renewable Energy Research Center (RENRC)
National Institute of Advanced Industrial Science and
Technology (AIST)
2-2-9 Machiikedai, Koriyama, Fukushima, 963-0298 Japan



March 1991: Ph. D in Electrical Engineering (Applied Physics)
University of California at San Diego

April 1991: joined Electrotechnical Laboratory

April 2001: Electrotechnical Laboratory reorganized to AIST
Team Leader at Photonics Research Institute

April 2004 to Mar. 2011 Research Center for Photovoltaics founded
Deputy Director: Research Center for Photovoltaics

April 2011 to March 2013 Research Center for Photovoltaic Technologies founded
Deputy Director: Research Center for Photovoltaic Technologies

April 2013 to March 2015 Director: Research Center for Photovoltaic Technologies

April 2015 to present Director: Renewable Energy Research Center

Research topics in charge:

Photovoltaics (CIGS, c-Si, energy rating), wind power, geothermal, shallow geothermal and hydrogeology, hydrogen energy carrier, energy network, etc.,

Embassy of the Kingdom of the Netherlands 3-6-3 Shiba-koen, Minato-ku, Tokyo

7-min. walk from Kamiyacho St. (Subway Hibiya-line, Exit 3)

10-min. walk from Onarimon St. (Subway Mita-line, Exit A5)

- There is no parking space available at the Embassy.
- The entrance of the Embassy is in front of Shiba High School/next to waterworks building (NOT along Sakurada-dori and NOT next to Holland Hills Mori Tower).
- GPS Coordinates for navigation equipment: E139.44.57.00 N35.39.29.00
- Map Code 554897
- Please bring your passport or ID.

オランダ王国大使館

東京都港区芝公園3丁目6番3号

地下鉄日比谷線 神谷町駅 3番出口 徒歩7分

都営三田線 御成門駅 A5番出口 徒歩10分

- 大使館敷地内に駐車場スペースはご用意しておりません。
- 大使館入り口は芝中高校向い、水道局隣です。
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