

The Future of Solar Energy – research and development of Solar Cells



DATE: Wednesday 21 February 2024, 16:00–19:00.

VENUE: IVA Conference Centre, Grev Turegatan 16, Stockholm, Sweden. The seminar will be streamed live.

REGISTRATION: www.iva.se/Top-Scientist-Lecture-2024

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Royal Swedish Academy of
Engineering Sciences

The Future of Solar Energy – research and development of Solar Cells

Top Scientist Lecture by Professor Tsutomu Miyasaka, Toin University of Yokohama. In two hours, the earth receives as much energy from the sun as the entire world's population uses in a year. Part of the energy from the sun can be converted into electricity with the help of solar cells. Professor Tsutomu Miyasaka's long research in the field has contributed to the development of new materials and techniques to make solar cells more efficient, which reduces both the cost and the area needed.

Professor **Tsutomu Miyasaka** has conducted research in electro- and photochemistry and developed highly sensitive photographic materials, lithium-ion batteries and photoreceptors.

In 2009, Professor Miyasaka was awarded by the Ministry of Science and Education for his efforts in green sustainable solar cell technology.

The Top Scientist Lecture seminar is a recurring collaboration between **JSPS – Japan Society for the Promotion of Science, the Japanese Embassy, SJF (Sweden Japan Foundation)** and **IVA**. With support from **SSF – The Swedish Foundation for Strategic Research**.

The lecture will be held in English.

Welcome!

SPEAKERS

Tsutomu Miyasaka, Professor Toin University of Yokohama, RCAST University of Tokyo

Ute Cappel, Associate Professor, Uppsala university

Kristina Edström, Professor Uppsala University, IVA's division Chemical Engineering

Anders Hagfeldt, Professor, Vice Chancellor Uppsala University, IVA's division Chemical Engineering

Tomas Kåberger, Professor Chalmers, IVA's division Building and Construction

Masaki Noke, Japan's ambassador to Sweden

Tuula Teeri, President IVA

Embassy of Japan
in Sweden

