

Sweden-Japan Symposium on Nanophotonics 2013

Exploring the Future of Light, Matter, and Information in the Nanoscale

Date: Monday June 3 and Tuesday June 4, 2013

Place: Lund University, Lund, Sweden

Hosting Organization: Japan Society for the Promotion of Science (JSPS), Lund University, Royal Institute of Technology (KTH)

Cooperating Organization: Nano-optics Research Group (Optical Society of Japan), Optical Society of Japan (an affiliate of the Japan Society of Applied Physics), Nanophotonics Research Center of The University of Tokyo.

Under the auspices of the Embassy of Japan in Sweden

Sweden-side Co-organizer: Gustafsson (Lund), Thylen (KTH)

Japan-side Co-organizer: Fujii (JSPS, Stockholm), Yoshizawa (JSPS, Stockholm), Ohtsu (U Tokyo), Saiki (Keio U), Naruse (NICT)

[Scope/Concept (tentative)]

Nanophotonics, which is an optical nanoscience and nanotechnology, has been studied as an exciting interdisciplinary research arena where optical and material sciences are closely merged, and even information science is closely involved. While basic research has been extensively studied, various applications are enabled ranging from environment and energy, information and communications technology, and so forth. Based on these current status of the cutting edge research arena, while keeping main interests on the issues related to “nanometer-scale” and “light”, the symposium tries to explore the future direction of research in related fields from various viewpoints, such as “material” or “information”. In order to manifest such a concept, the tentative title of the symposium is entitled “*Exploring the Future of Light, Matter, and Information in the Nanoscale*”.

Swedish speakers(tentative)

- **Anders Gustafsson, Lund University**
- **Lars Thylen, Royal Institute of Technology**
- **Min Yan, Royal Institute of Technology**
- **Valdas Pasiskevicius, Royal Institute of Technology**
- **Anand Srinivasan, Royal Institute of Technology**
- **Saulius Marcinkevicius, Royal Institute of Technology**

- **Fredrik Karlsson, Linköping University**
- **Hakan Pettersson, Halmstad University.**
- **Stefan Andersson-Engels, Lund University**
- **Hongxing Xu, Lund University**
- **Niklas Anttu, Lund University**
- **A few more from Linköping University**
- **A few from Gothenburg University**
- **A few more from Lund University**

[Japanese speakers]

- **Motoichi Ohtsu (University of Tokyo)**
- **Toshiharu Saiki (Keio University)**
- **Yasuo Ohdaira (Niigata University)**
- **Masayuki Naya (Fujifilm Co. Ltd.)**
- **Katsuyuki Nobusada (Institute for Molecular Science)**
- **Hiroshi Imahori (Kyoto University)**
- **Kazuma Mawatari (The University of Tokyo)**
- **Takashi Yatsui (The University of Tokyo)**
- **Hiroyasu Fujiwara (Hamamatsu Co. Ltd.)**
- **Makoto Naruse (National Institute of Information and Communications Technology)**
- **Masashi Aono (Tokyo Institute of Technology)**
- **Tsutomu Matsumoto (Yokohama National University)**