

Cross-Ministerial Strategic Innovation Promotion Program

2022 International Symposium on Photonics and Quantum Technology for Society 5.0

2022.10.12.WED 13:30~17:20(JST)

IINO HALL 4F Iino Bldg., 2-1-1 Uchisaiwaicho, Chiyoda Ward, Tokyo OPEN 13:00(JST)

[Hybrid]

Registration Deadline 2022.10.7.FRI 17:00 (JST) Application will close when we have reached capacity.

Capacity / 150 onsite / 1,000 Online

Free Admission

Japanese-English simultaneous interpretation available.

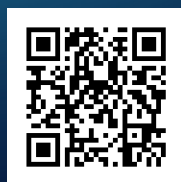
Please see the reverse side for more details of the program.

※ The hybrid event style is subject to change to become only-online depending on the spread of the infectious disease. We will contact you as soon as possible in such cases.

URL

<https://www.pqts-itnl-symposium2022.jp/en/>

Collected personal information will be used only for the purpose of announcement or inquiry related to this symposium in accordance with our personal information protection provision.



Co-hosts

Cabinet Office /
National Institutes for Quantum Science and Technology (QST)

Supported by

Ministry of Internal Affairs and Communications /
Ministry of Education, Culture, Sports, Science and Technology /
Ministry of Economy, Trade and Industry

Planning and Operation

Mitsubishi UFJ Research and Consulting Co., Ltd.

Contact for Content of the Symposium

Secretariat Office of SIP 2022 International Symposium on Photonics and
Quantum Technology for Society 5.0 (Mitsubishi UFJ Research and Consulting Co., Ltd.)
Email : sip-symposium2022@murc.jp

For Registration

Secretariat Office of SIP 2022 International Symposium on Photonics and
Quantum Technology for Society 5.0 (Stage Inc.) E-mail : s-site@pqts-itnl-symposium2022.jp TEL : +81-3-5917-0203 (9:00 to 17:00 JST)

ACCESS



Tokyo Metro Hibiya Line and Chiyoda Line
Directly connected to Kasumigaseki Station Exit C4
<https://www.iino.co.jp/hall/en/>

13:30-13:35 **Opening address**

HIRANO Toshio	President of The National Institutes for Quantum Science and Technology (QST)
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13:35-13:40 **Greeting from the organizer**

SUDO Akira	Policy Advisor of Cabinet Office, Executive Director in Charge of SIP
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13:40-14:15 **Introduction of the program**

NISHIDA Naoto	Program Director
SASAKI Masahide	Deputy Program Director
YASUI Koji	Deputy Program Director

14:15-15:30 **Introduction of services offered at each hub**

IKENOUE Hiroshi	Professor, Graduate School of Information Science and Electrical Engineering Kyushu University
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“One-stop solution platform for the semiconductor industry”

NODA Susumu	Professor, Graduate School of Engineering, Division of Electronic Science and Engineering Kyoto University
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“Photonic-Crystal Surface-Emitting Lasers (PCSELS)

~Revolutionizing semiconductor lasers with photonic-crystal technologies and contributing to the realization of Society 5.0~”

TOYODA Haruyoshi	Director, Central Research Laboratory Hamamatsu Photonics K.K.
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“Innovative laser processing employing digital optical feedback control with spatial light modulator”

FUJIWARA Mikio	Director, Quantum ICT Laboratory, Koganei Frontier Research Center, Advanced ICT Research Institute, National Institute of Information and Communications Technology
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“Toward a quantum cryptography as telecommunication infrastructure”

TOGAWA Nozomu	Professor, Faculty of Science and Engineering Waseda University
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“Optimize your business using quantum computing”

KOBAYASHI Yohei	Professor, Institute for Solid State Physics The University of Tokyo
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“Ecosystem for smart laser manufacturing”

15:30-15:45 **Break**15:45-16:45 **Keynote speeches “Ecosystem for photonics and quantum technology and overseas cooperation”**

Germany

Prof. Dr. Andreas Leson	Head of Business Unit PVD and Nanotechnology Fraunhofer Institute for Material and Beam Technology IWS Professor, Technical University of Dresden (TU Dresden)
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Dr. Manuel Ligges	Head of Optical Systems Fraunhofer Institute for Microelectronic Circuits and Systems IMS
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Netherlands

Mr. Michiel Sweers	Deputy Director General for Enterprise and Innovation Ministry of Economic Affairs and Climate Policy
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Mr. Ewit Roos	Chairman, PhotonDelta
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Mr. Jesse Robbers	Director, Industry & Digital Infrastructure, Quantum Delta NL
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Taiwan

Dr. Ma-Tien Yang	Representative of ITRI Japan Office Industrial Technology Research Institute (ITRI)
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Dr. Pang-An Ting	General Director of Information and Communications Research Laboratories Industrial Technology Research Institute (ITRI)
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16:45-17:15 **Q&A session**17:15-17:20 **Closing remarks**

NISHIDA Naoto	Program Director
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17:20- 19:00 **Networking (Onsite only)**