

The 26th Takayanagi Kenjiro Memorial Symposium
Research Institute of Electronics, Shizuoka University

Toward Advanced Imaging Science Creation

~ Photonics Technologies across Wide Frequency Range ~

November 12, 2024

S-Port Conference Room, Hamamatsu Campus, Shizuoka University
3-5-1 Johoku, Chuo-ku, Hamamatsu, Japan

9:30 Opening Remarks Masanori Koshimizu (Symposium Chair)
Greetings Kazuyuki Hizume (President of Shizuoka University)
Masakazu Kimura (Director of Research Institute of
Electronics, Shizuoka University)

◇Plenary Talks

(Chair: Masanori Koshimizu)

9:40 PL-1. “Research Progress on X-ray Non-Destructive Testing Technology in
AIST”
Takeshi Fujiwara (The National Institute of Advanced Industrial Science
and Technology (AIST))

10:20 PL-2. “Recent advances in terahertz resonant tunneling diodes”
Safumi Suzuki (Tokyo Institute of Technology, Japan)

11:00 Coffee Break

(Chair: Daniel Moraru)

11:10 PL-3. “Growth and device performance of polar and non-polar light emitting
diodes on patterned sapphire substrates”
Narihito Okada (Yamaguchi University, Japan)

11:50 PL-4. “2D materials nanophotonics”
Sejeong Kim (University of Melbourne, Australia)

12:30 Lunch Break

◇Lectures by Takayanagi Prize Winners

(Chair: Takayuki Nakano)

14:00 TL-1. “Femtosecond laser lithography: a versatile tool for photonics and materials science”

Vygantas Mizeikis (Shizuoka University, Japan)

14:40 TL-2. “Nanophotonics for Advanced Photonics Devices”

Soh Uenoyama (Hamamatsu Photonics K. K., Japan)

15:10 Coffee Break

(Chair: Hiroaki Satoh)

15:30 TL-3. “Development of Fast Scintillators Based on Hybridization of Polymer and Inorganic Nanoparticles”

Masanori Koshimizu (Shizuoka University, Japan)

16:00 TL-4. “Tuning the functional properties of nanostructures materials for highly efficient optoelectronic devices”

Mani Navaneethan (SRM Institute of Science and Technology, India)

16:30 Closing Masanori Koshimizu (Symposium Chair)

16:40 Memorial Photo

17:00 Networking @ CO-OP North Cafeteria