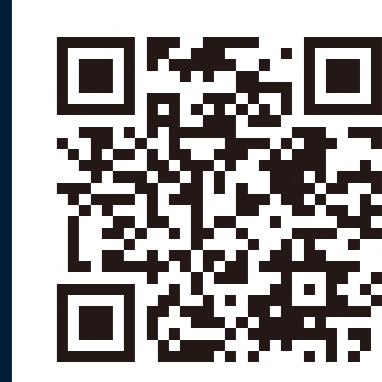




Kunibiki Messe, Matsue

Oct 16-19, 2022

<https://islc2022.org/>



General Chair
A. Kasukawa (Furukawa Electric)

TPC Chair
P. Leisher (Freedom Photonics)

TPC Area Chairs
Americas: J. Klamkin (UCSB)
EMEA: E. Bente (Eindhoven University of Technology)
Asia/Australia: N. Nishiyama (Tokyo Tech)

Local Arrangement Chair
K. Uomi (Lumentum)

ANNOUNCEMENT FOR SPECIAL EVENTS & PLENARY, LEGEND TALK

40 Years Anniversary Symposium

since the optical fiber backbone network was introduced in Japan
Symposium lecturers will talk about hardships they experienced during at that time. They will also talk about the attitudes of researchers based on their experience, "how they tackle and how they challenge to the topics at that time".

On the System side



Dr. Kazuo Hagimoto
(Former president of NTT Electronics / NTT at that time)

On the Device side



Professor Emeritus Yasuharu Suematsu
(Tokyo Institute of Technology)



Professor Katsuyuki Utaka
(Waseda University / KDD at that time)



Professor Yuzo Yoshikuni
(Kitasato University / NTT at that time)



Professor Larry A. Coldren
(U.C. Santa Barbara / AT&T Bell Labs at that time)



Dr. Bjorn Broberg
(Co-founder of Alitun and Syntune / Institute of Microelectronics at that time)

Session Organizer



Dr. Yuichi Tohmori
(President of Tsurugi-Photonics Foundation / NTT at that time)

IEEE Edison Medal Award Lecture

Kenichi Iga

Tokyo Institute of Technology, Prof. Emeritus

"VCSEL: How it was born and grown 100 years after Edison?"

Kenichi Iga was awarded the 2021 IEEE Edison Medal with a citation of "pioneering contribution to the concept, physics, and development of the vertical-cavity surface-emitting laser".



Plenary Speakers



Dr. J. Raring,
President and CEO, Co-Founder KYOCERA SLD Laser, Inc.

"Gallium Nitride Diode Lasers Fueling the Fusion of Illumination, Sensing, and Communication"



Prof. Emeritus Y. Arakawa,
The University of Tokyo

"Advances in quantum dot lasers - 40 years of history"



Prof. C. Sirtori,
Ecole normale supérieure Paris, France
Titulaire de la Chaire ENS-THALES

"Unipolar quantum optoelectronics for free space optics in the thermal-infrared atmospheric window"

Legend Speakers



Dr. C. C. Hasnain,
Berkel Photonics Inc.

"Recent Advances in VCSEL for datacom and sensing applications"



Dr. C. E. Zah,
Focuslight Technologies Inc.

"TBD"



Dr. E. O'Reilly,
Tyndall National Institute

"Band structure engineering and its impact on semiconductor laser design and optimisation"

