

Call for Papers: **TILA-LIC2025**



The 11th Tiny Integrated Lasers and Laser Ignition Conference 2025

Co-located with Optics & Photonics International Congress 2025

<https://tila-lic.opicon.jp/>

April 23 (Wed.) – 25 (Fri.), 2025, Pacifico Yokohama, Yokohama, Japan
(In-person meeting only)

Organizer of TILA-LIC

Micro Solid-State Photonics Association, Japan

Co-organizer of TILA-LIC

Institute for Molecular Science, Japan

RIKEN SPring-8 Center, Japan

Japan Fine Ceramic Association, Japan

Conference chair: **Prof. Takunori Taira** RIKEN, Japan
Program chair: **Prof. Xavier Mateos** Univ. Rovira i Virgili, Spain
Steering chair: **Dr. Hiroyuki Takigami** RIKEN, Japan

About TILA-LIC

The Tiny Integrated Lasers and Laser Ignition Conference (TILA-LIC) is an international forum for discussions on various aspects of the ubiquitous sources and phenomena associated with highly intense laser pulses. TILA-LIC will offer to share information on sciences, technologies, and market related to Giant Micro-Photonics.

“Tiny Integrated Lasers”

Tiny Integrated Lasers refer to compact integration of highly intense laser devices and peripheral systems that enables ubiquitous operation of extraordinarily accurate measurements and control of extreme material phases.

“Giant Micro-Photonics”

Based on the recent photonic innovation called Giant Micro-Photonics, ubiquitous lasers symbolized by TILA that can be operated everywhere and anytime by everybody can become the door to promote the world to a new generation.

SCOPES

- A. TINNY INTEGRATED LASERS**
- B. OPTICAL MATERIALS FOR TINY INTEGRATED LASERS**
- C. LASER INDUCED PHENOMENA BY POWER MINIATURE LASERS**
- D. APPLICATION OF TINY INTEGRATED LASERS**
- E. GIANT MICRO-PHOTONICS**

TILA conference Management

D204, Joint Research Bldg. D in Institute for Molecular Science

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The 11th Tiny Integrated Lasers and Applications Conference 2025



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Plenary speakers(Tentative)

Hans-Dieter Hoffmann Fraunhofer ILT, Germany
Martin M. Fejer Stanford University, USA
G rard Aka Chimie ParisTech – PSL, France

Invited speakers

Martin Smrz HiLASE, Czech Republic
Feng Chen Shandong University, China
Myung-Ki Kim Korea University, Korea
Young Uk Jeong Korea Atomic Energy Research Institute, Korea
Fabian Rotermund KAIST, Korea
Almantas Galvanauskas University of Michigan, USA
Mariola Ramirez Autonomous University of Madrid, Spain
Luisa Baus  Autonomous University of Madrid, Spain
Edcel Salumbides Advanced Research Center for Nanolithography, Netherlands
Vincent Yahia Institute for Molecular Science, Japan

Production information session

The information on commercial products related to Giant Micro-photonics will be presented. Some products will be exhibited during TILA-LIC 2025.

Program committee

Chair:

Xavier MATEOS University Rovira i Virgili, Spain

Co-Chair:

Jun HAYASHI Kyoto University, Japan

Members:

Gerard AKA Institut de Recherche de Chimie Paris, France
Rakesh BHANDARI OptoQuest Company, Japan
Mariastefania DE VIDO Science and Technology Facilities Council, UK
Nicolaie PAVEL INFLPR, Romania
Yoichi SATO RIKEN SPring-8 Center, Japan
Toshiki SUGIMOTO Institute for Molecular Science, Japan
Tohru SUZUKI National Institute for Materials Science, Japan
Takeshi SAITO Meisei University, Japan
Eiichi TAKAHASHI Nihon University, Japan
Zhang ZHANG Peking University, China
Ryo YASUHARA National Institute for Fusion Science, Japan