Call for Papers: TILA-LIC2025



ILA 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

<u>Co-organizer of TILA-LIC</u> 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 <u>Tiny Integrated Lasers and Laser Iginition Conference</u> (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.

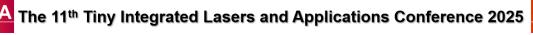
"Giant Micro-Photonics"

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 38 Nishigonaka, Myodaiji, Okazaki, 444-8585, Japan Secretariat chief: Dr. Hiroyuki Takigami TEL: +81-564-55-7355, Email: <u>tila-lic@opicon.jp</u>



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Plenary speakers(Tentative)

Hans-Dieter Hoffmann	Fraunhofer ILT, Germany
Martin M. Fejer	Stanford University, USA
Gérard 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 Bausá	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** Science and Technology Facilities Council, UK Mariastefania DE VIDO **INFLPR**, Romania Nicolaie PAVEL **YoichiSATO RIKEN SPring-8 Center, Japan** Toshiki SUGIMOTO Institute for Molecular Science, Japan National Institute for Materials Science, Japan Tohru SUZUKI **Takeshi SAITO** Meisei University, Japan Eiichi TAKAHASHI Nihon University, Japan ZhangZHGANG Peking University, China National Institute for Fusion Science, Japan **Rvo YASUHARA**

