OITDA

Optoelectronics Industry and Technology Development Association

Optoelectronics Industry and Technology

Optoelectronics industry and technology have created new added values in various industrial fields such as optical communications, display and solid-state lighting, optical storage, laser/optical processing, optical energy and sensing/measuring.

Further, exploitation of the optoelectronics technologies greatly contributes to realization of safe, secure, affluent and comfortable society by equalizing the quality of life in urban and rural areas, improving the security in cyber and physical space, and overcoming the limitation due to environmental and energy problems.

The optoelectronics industry in the world is supported by innovation of optoelectronics technology and continues to expand greatly.

Mission

In order to meet the high expectations for optoelectronics industry and technology, which will support the society of tomorrow, OITDA actively conducts a wide range of activities, such as research and study, promoting and supporting technology development, and furthering standardization. It also makes active efforts to spread and raise awareness of optoelectronics technology worldwide, through cooperating with optoelectronics industry associations in Europe, the United States and Asia.

Research and Study

Technology Development

Standardization

About Us

Name : Optoelectronics Industry and Technology Development Association(OITDA)
Date of Establishment : July 25, 1980
Fund : 400 million yen
Board Member Companies:
      Fujikura Ltd., Fujitsu Limited, Furukawa Electric Co., Ltd., Hitachi, Ltd.,
      Mitsubishi Electric Corporation, NEC Corporation,
      Nippon Sheet Glass Co., Ltd., Nippon Telegraph and Telephone Corporation,
      Oki Electric Industry Co., Ltd., Panasonic Corporation,
      Sumitomo Electric Industries, Ltd., Toshiba Corporation

Research and Study

Optoelectronics Technology Roadmaps

We formulate Optoelectronics Technology Roadmaps in order to identify the specific needs for optoelectronics technology in relevant fields (e.g. information-processing photonics, optical user interface, optical communication, optical processing and measurement), and clarify the direction and schedule for research and technology development to meet those needs.

Optoelectronics Technology Trends

We investigate the current status and trends of optoelectronics technologies at home and abroad from a variety of perspectives and on a continuous basis. We aim to use the findings as guidelines for the future direction of research and development.

Optoelectronics Industry Trends

We conduct a survey every year in order to analyze the present scale of total shipment and domestic production in the optoelectronics industry for indicating the direction of Japanese optoelectronics industries.

Industry-Academia-Government Cooperation

Study groups established in OITDA work toward strengthening cooperation between industry, academia and government in various fields of optoelectronics. Study group members exchange the latest information and opinions on the relevant technologies available at home and abroad.

Technology Development

R&D Project

The optoelectronics industry should conduct research and development more vigorously in order to maintain their lead in this field. We plan and manage total research and development projects, which cover every activities from the discovery of seeds of potential optoelectronics technology through to development for commercialization, drawing together the efforts of the industrial, academic and governmental sectors.

Standardization

Optoelectronics Industry and Technology Standardization Society

It is critically important to take timely action in responding to standardization. With this in mind, the Optoelectronics Industry and Technology Standardization Society actively engages in creating domestic standards as well as international standards.

Japanese Standardization

Since 1981, we have been contributing to the promotion of standardization by drafting Japanese Industrial Standards (JIS) related to optoelectronics. More than 300 JIS drafts that we laid down have been adopted as official standards. We also develop "OITDA standards" to promote international standardization.

International Standardization ISO/IEC

We have established national committees in Japan that correspond to the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC).
We send experts to ISO/TC 172/SC 9 (Laser and electro-optical systems) and IEC/TC 76 (Optical radiation safety and laser equipment). We fulfill our duties through the activities of these committees, by submitting drafts of international standards and holding international conferences in Japan.

Awards, Education and Disseminations

Awards

- Awarding the Kenjiro Sakurai Memorial Prize to individuals and groups who have made significant contributions to the development of optoelectronics industrial technology. This prize was established as a memorial to the former executive director of OITDA, Dr. Kenjiro Sakurai, who played a major role in developing the optoelectronics industry.

Education

- Laser Safety School: Providing educational programs on laser safety for people engaged in handling laser equipment, by inviting expert in the field as lecturers.
- Examination for Laser Equipment Engineers: Assessing the laser safety knowledge required for laser equipment engineers as well as safety managers and safety engineers; those who have passed the examination are registered at OITDA.
- Technical advisor institution: Providing the technical support necessary for starting new businesses in the field of optoelectronics.

Disseminations

- Holding optoelectronics symposiums, monthly seminars and various other forums.
- Providing information on activities of OITDA by publishing Annual Technical Report and distributing OITDA WEB for the general public.

interOpto

interOpto is an international exhibition sponsored by OITDA, wherein remarkable new optoelectronics technology as well as laser, photonics and optoelectronics device products are displayed. Through this event, OITDA provides participants with the opportunity to collect information, exchange technologies and spread their corporate images.

OITDA also holds seminars for participants in interOpto.

OITDA supports ventures and small/medium enterprises to exhibit in interOpto and present at seminars.
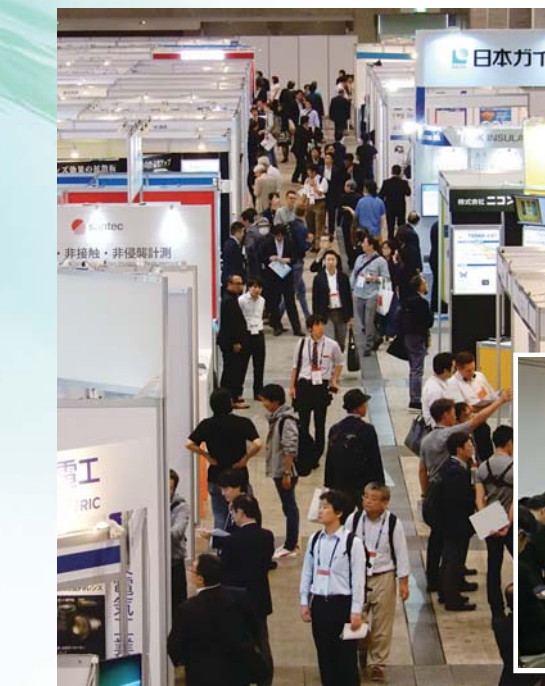
International Cooperation

IOA International Optoelectronics Association

International Optoelectronics Association (IOA) is a voluntary and informal coalition of international optoelectronics associations which have corporate membership and represent the voice of industry to the national government in each country.
The members exchange the information on market trends, technology roadmaps/studies of OE/Photonics industry and activity of each organization.

Canada	**CPIC**	Canadian Photonic Industry Consortium
	http://photonscanada.ca/en/	
EU	**EPIC**	European Photonics Industry Consortium
	http://www.epic-assoc.com/	
Korea	**KAPID**	Korea Association for Photonics Industry Development
	http://www.kapid.org/english/	
Germany	**OptecNet**	
	https://optecnet.de/en/	
Japan	**OITDA**	Optoelectronics Industry and Technology Development Association
	http://www.oitda.or.jp/index-e.html	
U.S.A.	**OIDA**	OSA Industry Development Associates
	https://www.osa.org/en-us/home/	
Taiwan	**PIDA**	Photonics Industry and Technology Development Association
	http://www.pida.org.tw/usub/en/index.asp	
Scotland	**SOA**	Scottish Optoelectronics Association
	https://optoelectronics.org.uk/	
Switzerland	**Swissphotonics**	
	https://www.swissphotonics.net/home	

OITDA

Optoelectronics Industry and Technology Development Association

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To Ikebukuro thru Gokokuji

Kanda River

Mejiro Street

Metropolitan Expressway Route 5

To Yurakucho thru Iidabashi ▶

Plaza Edogawabashi

Police Box ●

Tokyo Metro Yurakucho-Line
Edogawabashi Station (Y12)

Shin-Mejiro Street

Mejiro Street

● Exit No.2

● Exit No.3

● Mizuho Bank

Edogawabashi Building

Edogawabashi Street

MUFJ Bank ●

Sumitomo Edogawabashi Ekimae Building 7th Floor

OITDA
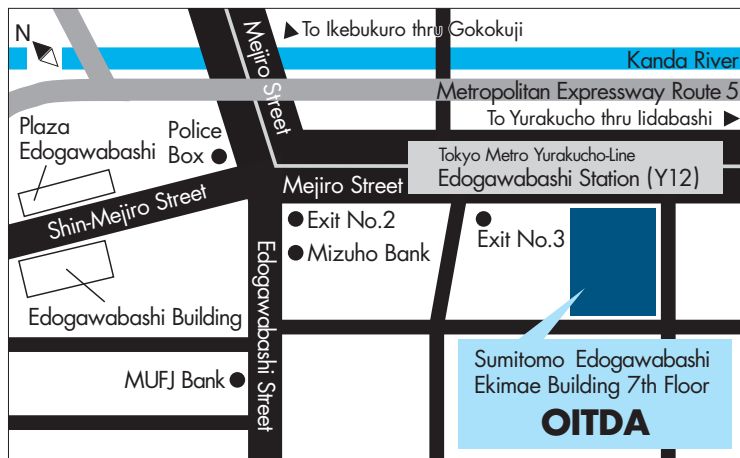
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