

Optoelectronics Industries Australia

The Australian Industry Group is pleased to present its newest special interest group, Optoelectronics Industries Australia, a forum that represents members with businesses operating in the optoelectronics industry.

The optoelectronics industry is one of the world's fastest growing industries. According to the Optoelectronics Industry Development Association (OIDA) of America, the global optoelectronics market is expected to surpass \$1.2 trillion in revenue by 2017, with an annual compound growth of 7.7 per cent. The biggest driver of growth in this market is LCD displays, which will enable a variety of consumer-based products, from TVs to mobile phones to digital assistants.

The Optoelectronics Industries Australia special interest group and forum is poised to capitalise on this growth, through collaborating with government, R&D organisations, educational institutions and kindred international associations.

What is optoelectronics?

Optoelectronics, often also referred to as photonics, is the study and application of electronic devices that source, detect and control light. For example, DVD players rely on a semiconductor laser and a photodetector as essential elements; the DVD itself is also a photonic product.

Photonics is now an element in 35 per cent of all consumer devices, including:

- Scanners, laser printers, cameras,
- LED, OLED, Plasma and DLP displays
- Optical sensors
- Optical storage, such as CDs, DVDs and magneto-optics
- Energy applications for cutting, welding, drilling and micromachining
- Photovoltaics
- Solid state lighting
- Lithography
- Planar Lightwave Circuits

What we do

Optoelectronics Industries Australia, formerly the Australian Photonics Forum, was established in May 2008 to:

- Establish a network of local and international companies in the optoelectronics industry;
- Encourage and support opportunities for capability development, market growth and cross-fertilisation of ideas within the Australian optoelectronics industry;
- Work with governments and the industry to enhance Australian capabilities and competitiveness in the global marketplace;
- Share and apply innovative, best practice, niche marketing strategies and seek out new global markets;
- Connect with international tradeshows, events and partner organisations across the world such as the Photonics Industry & Technology Development Association (PIDA) of Taiwan and the US' OIDA;
- Collaborate with research and development organisations, educational institutions, venture capitalists and broader industry; and
- Be recognised by governments, business and the community as the thought leaders and pre-eminent experts in optoelectronic solutions.
- Provide a platform for investing opportunities in Australian optoelectronics innovation through a strong corporate network.

Who should join the OIA?

Does your company manufacture or use optoelectronic or photonics-enabled products? Consider joining our forum. Members of the OIA include companies who specialise in:

- Telecommunications
- Bio and medical technologies
- Health
- Nanotechnology
- Lighting
- Renewable energy
- Advanced manufacturing

About Ai Group

Ai Group is Australia's leading industry organisation representing more than 10,000 employers in manufacturing, construction, automotive, telecommunications, IT & call centres, electronics and electrical manufacturing, transport, labour hire and other industries. Ai Group's members operate businesses of all sizes throughout Australia and represent a broad and expanding range of sectors. We provide comprehensive advice and assistance to help members run their businesses more effectively and to become more competitive on a domestic and international level.

Contact

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