

Photonics Partners



Heetronix is a world leader for sensing and heating devices based on single crystal silicon carbide and tungsten thin-film on aluminum nitride.



Hybrid, microelectronic assemblies, and LTCC/AlN substrates for Defense, Aerospace, Medical, RF/Microwave, Fiber-Optic/Optoelectronic and



Valde offers field-installable, all mechanical, Impact Mount (IMT) Termination Kits, IMT connectors, IMT Laser Pigtail and Repair Splice Enclosures with cassettes (single/cable pack adaptor) and magazine for cable repair. Custom cables also available.

It is ideal for rugged environment such as:

- Mining
- Oil exploration
- Security system
- Great for FTTS
- Medical and industrial applications

Vision Science



Graduate Program in Cognitive and Brain Sciences
University of Nevada, Reno

Corporate Sponsors



Silicon Quest International is a full-service supplier of silicon wafers in all diameters and specifications, including prime, test, monitor, coin roll, Float Zone and SOI. SQI also provides wafer processing services, including polishing (single and double-side), reclaiming, thermal oxide and wafer thinning. SQI's quality management system is ISO 9000:2001 certified.



Amain Electronics develops electronic cameras under research and development programs for the US Government. We provide design, development, analysis and product validation services.



OptiComp Corporation, located in Zephyr Cove, NV, develops and manufactures semiconductor microchip lasers and detectors for avionic and satellite data communication applications within the Department of Defense.



Nanoholding Inc.

Nanolife Inc. offers a wide variety of products based on Liposomes.

Booth and Brochure designed by
Digital Shaman Enterprises
Cher Eberhart

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RENO TAHOE PHOTONICS
www.renotahoephotonics.com

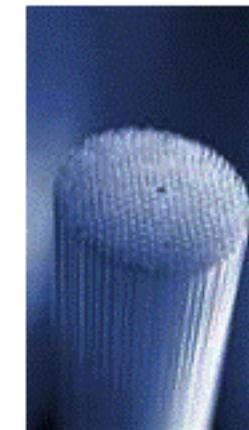
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OSA® | RENO TAHOE PHOTONICS

The Reno-Tahoe Photonics Cluster is organized as a local chapter of the Optical Society of America (OSA).

The driving force for congregating is the common interest of the members in Photonics, including Optics, Lasers, Electro-Optics, Sensors, MEMS, Nanotech, Micro lithography, Microscopy, Astronomy, Spectroscopy, Biotech Instrumentation.

The Cluster welcomes other local Chapters like LEOS.



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Photonics Partners



As a global manufacturer of eyeglass lenses, Polycore aims to reduce the complexity and confusion prevalent in our industry by simplifying the business of sight. Regardless of our technical sophistication or engineering innovation, you will experience the solid value in our products and in the ease of doing business with



Diablo Industries Thin Film, Minden, Nevada

Thin Film is a microcircuit manufacturing technology used to produce high frequency passive circuits used in space, military and photonics applications where accuracy, reliability, and fine detail are needed. In the photonics arena, typical uses include sophisticated laser diode sub mounts, which often include matching and biasing elements. Diablo Industries was started in Silicon Valley in 1972, and relocated to Minden, NV almost 15 years ago. Customers include Raytheon, Lockheed Martin, Lument OIC, and Apogee Photonics.



Lengthening telomeres to lengthen healthy life spans



IGT uses an extensive array of optical components in every gaming device for lighting, security and communication. There are two major optical research projects under way: The "Green machine" and the 3D display.



Real-time laser beam diagnostics, including real-time M2 measurements for CW and pulsed lasers. EUV, Excimer, CO2 packages also available.

Sukuta Laser Technologies



Sukuta Laser Technologies Workforce Development Seminars

(One-day or two evening)

- Laser and Optical Principles
- Introduction to Solid State Laser Technology
- Understanding Laser Beam Performance Specifications
- Introduction to Laser Optics



DRI's Carter Family Optical and Acoustic Laboratory

This Laboratory is a facility for the development and use for modern optical techniques for atmospheric and emission measurements.



Infrared, Inc. manufactures thermal imaging and infrared cameras and surveillance systems, providing a diversity of electro-optic products for high technology applications, including thermography, infrared imaging viewers, covert



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NEW! PRODUCT DESIGN & DEVELOPMENT
ELECTRONICS ASSEMBLY
INDEPENDENT LABORATORY TESTING
PRODUCT MARKETING
ASSEMBLY AND SOLDERING TRAINING
PRECISION MINIATURE SOLDERING
PRECISION ADHESIVE APPLICATION

ISO9001-2000 SYSTEM DEVELOPMENT for Small Companies
Over 30 years experience in electronics manufacturing areas:

- Manufacturing Engineer
- Manufacturing Manager
- Quality Assurance Manager
- Quality Engineer



Pria Diagnostics has developed a handheld reader designed for quantitative detection of fluorescent signal from rapid diagnostic assays. In addition to high sensitivity and low cost, the NanoFL's versatile design allows for interpretation of diagnostics from microfluidic cartridge, capillary tubes, and lateral flow immunochromatography.



As a Matter of Fact, We ARE Rocket Scientists™
We solve problems. Let us solve yours.



SpecTIR, LLC and newly acquired AutoMation provide spectral imaging components and cameras for remote sensing and industrial use. SpecTIR/AutoMation now offers customers expertise in all aspects of hyperspectral industrial automation, and machine vision.

Corporate Donors



NWDP is highly specialized in providing wire & cables as well as hardware & equipment for the following industries:

- Telecommunication
- Industrial & Mining
- Skilling
- Alternative Energy:
- Solar, Wind, Geothermal