

1994 MEMBERSHIP DIRECTORY

International Laser
Display Association



**International Laser
Display Association**

Member and Subscriber Categories

All U.S. ILDA members who are manufacturers or users of laser devices for rental, sale or public demonstration must furnish a current U.S. Food and Drug Administration variance or compliance number and proof of public liability insurance of at least \$1,000,000.

- ▶ **Corporate:** Producers of laser entertainment devices for rental or sale.
- ▶ **Affiliate:** Industry vendors such as suppliers to laser display companies, interest groups, and publications.
- ▶ **Not-for-profit:** Organizations which are incorporated as not-for-profit.
- ▶ **Individual:** Persons not associated with or employed by a Corporate, Affiliate or Not-for-Profit Member.
- ▶ **Student:** Currently registered full-time students.

An additional category is for non-members wishing information about ILDA. Subscribers are not listed in this directory and do not hold voting privileges.

- ▶ **Subscriber:** Persons subscribing to ILDA publications and correspondence for informational purposes. They may attend ILDA's annual General Meeting as observers.

JOIN ILDA! For information on becoming a member or subscriber, contact Barbara Inatsugu, Executive Director, ILDA, 1126 Ashland Avenue, Santa Monica, CA 90405, (310) 399-6482, fax 399-0816.

1994 ILDA Membership

Note: This list is current as of May, 1994 and may be changed at any time without notice. An updated list may be obtained by contacting the ILDA office at (310) 399-6482, fax 399-0816. Descriptions are provided by the member company or individual and are limited to 40 words. ILDA does not certify the accuracy or completeness of the descriptions. Addresses are United States when not otherwise specified.

ILDA requires any members who are introducing laser products or services into commerce in the United States to hold liability insurance coverage of at least \$1,000,000. ILDA recommends that potential clients check with any company they choose to contact, to verify coverage.

Corporate Members

Audio-Visual Imagineering Inc.

10801 Cosmonaut Boulevard
Orlando, FL 32824
(407) 859-8166, fax 859-8254
Contact: Joanne McCullough

- ▶ Produce laser, multimedia and ChromaDepth™ 3D presentations for planetarium/omni theaters, corporate special events, trade show exhibits, amusement parks and large outdoor celebrations. Have full in-house design, manufacturing, programming and staging facilities.

Aura Technologies, Inc.

775 West Jackson Blvd. 4th Floor
Chicago IL 60661
(312) 466-0181, fax 466-0235
Contact: Steve Heminover

- ▶ Specialists in high-end interactive 3D real-time computer graphics. Laser displays for corporate theater, trade shows, science, education and planetariums. Full in-house production of animation with SMPTE and MIDI compatibility.

Belvetone Systems

225 West Crawford Avenue
Connellsville, PA 15425
(800) 475-1400, fax (412) 626-1898
Contact: Doug Cortea

DTL Lasertechnology

Wolddijk 169
9738 AE Groningen
Holland
(+31) 5 073-5600, fax 5 071-3194
Contact: Etwin Zijlstra

Eclipse Technologies Inc.

10595 S.W. Cascade Blvd.
Portland, OR 97223
(503) 598-8098, fax 598-0380
Contact: Larry Fisher

Corporate Members, continued

Image Engineering Corp.

10 Beacon Street
Somerville, MA 02143
(617) 661-7938, fax 661-9753
Contact: Mark Terrell

► Design, create, produce laser shows, laser effects and laser installations.

Lantis Productions

P.O. Box 491
Draper, UT 84020
(800) 443-3040, fax (801) 571-3516
Contact: Ken Lantis

► Produce laser shows for business conventions, city celebrations, festivals, fairs and other special events. Combine fireworks with lasers in outdoor and indoor settings. Specialize in choreographing fireworks and lasers to music, using precise timing and unusual, but appropriate, music selections.

Laser Animation GmbH

Frankenstr. 1
D-10781 Berlin 30
Germany
(+49) 30 216-3687, fax 216-9744
Contact: Michael Sollinger

► Manufacture real-time 3D laser controller, Trimagic™ stereoscopic 3D projections in red/green and fully colored. Manufacture scanner amplifiers and PCAOM electronics. Laser projectors of any size for installations and mobile use.

Laser Artistry, Inc.

6420B S. Howell Avenue, P.O. Box 220
Oak Creek, WI 53154
(414) 764-7400, fax 764-6826
Contact: Terry Michaels

► More than ten years experience in production and staging of laser light shows for corporate meetings, festivals, etc. Manufacturer of L100 series laser projectors and other laser projection equipment.

Laser Design, Inc.

4744 N. Royal Atlanta Dr., Suite F
Atlanta, GA 30084
(800) 262-0630 toll-free
(404) 493-9525, fax 493-9527
West Coast office: (310) 630-0630
Contact: Don Tyra

► A full service (rental, leasing and sales) visual special effects company: with lasers, moving lights, fiber-optic curtains, Data Flashes, Emulators and pyrotechnics. Design of visual special effects for trade shows, music tours, special events, amusement parks, nightclubs, film and videos.

Laser Fantasy International

1721 132nd Avenue NE
Bellevue, WA 98005-2224
(800) 347-7525 toll-free
(206) 881-5356, fax 883-7169
Contact: Floyd Rollefstad

► Produce, manufacture and design laser systems, art and software for amusement attractions, planetariums, corporate presentations, special events and custom environments. Creator of Laser 3-D.

Laser F/X International

Unit P, 1153 Pioneer Rd.
Burlington, Ontario L7M 1K5
Canada
(905) 332-2001 tel/fax
Contact: L. Michael Roberts

► Canada's original laser display company; originators of the Laser Dance Party. Full laser show production within Canada. International services include award-winning animations, complete rotoscoping facilities, custom laser art. Laser clip-art catalog available with frames and animations in many formats.

Laser Images, Inc.

6911 Hayvenhurst Avenue,
Van Nuys, CA 91406
(818) 997-6611, fax 787-7952
Contact: Ivan Dryer

► Manufacture laser projection systems, graphics/ animation/ control systems (choreoGRAPHICS™), produce Laserium® shows, design laser productions, corporate theater, laser special effects for film and TV, clubs, concerts, and outdoor events and displays.

Laserlite FX, Inc.

70 Esna Park, Unit 5
Markham, ON L3R 1E3
Canada
(416) 479-0255, fax 470-0828
Contact: Costanzo Passarelli

Laser Media, Inc.

6383 Arizona Circle
Los Angeles, CA 90045
(310) 338-9200, fax 338-9221
Contact: Seiji Inatsugu

► Manufacture large and small projectors, fiber optic delivery and projectors, programming and playback electronics, graphics and music modules, show design and production, installation, concerts, corporate shows, and rentals.

Laser Production Network

7000 NE 4th Court
Miami FL 33138
(305) 754-6885, fax 751-7574
Contact: Tom Harman

► A full service and manufacturing company with a worldwide network of dealers and offices. Manufacture Laserpro projectors, Smartscan laser simulators, Lasercool laser chillers and Lasermax graphics show system.

Laserpromotions BV

Storm Buysingstraat 18-B
Germany
(+31) 71 31 55 61, fax 71 31 60 61
Contact: Ton S.M. Timmermans

Corporate Members, continued**Laser Rays, Inc.**

620 E. Taylor Ave.
Sunnyvale, CA 94086
(408) 733-BEAM (2326) tel/fax
Contact: Pat Bishoff

► Manufacture custom laser special effect projectors. Produce and perform laser shows. Consulting and service of scientific laser systems. Distribute high power "Lime-light Infinity Beam" laser systems.

Laser Reflections, Inc.

217 East 85th Street, Suite 176
New York, NY 10028
(212) 722-9164 tel/fax
Contact: Jeff Cone

► Laser productions with custom graphics, shaped-light and beam effects for special events, tours, industrial shows and permanent installations. U.S. distributors of Laser Animation's Lasergraph DSP full-color stereographic 3D laser projection systems.

Laser Spectacles, Inc.

1700 Ranch Road 12, Suite D
San Marcos, TX 78666
(512) 392-4600, fax 392-4601
Contact: Tim Walsh

► Produce lightshows and music using custom-designed laser projection equipment, Pangolin LD400 software and High End Systems products. Services include programming, sales and rentals of all products and shows.

Lasertainment Productions, Inc.

1901 Oakcrest Ave., Suite #1
Roxville, MN 55113
(612) 633-8000, fax 633-8083
Contact: Robert Teorey

► Produce high-powered indoor and outdoor laser light shows. Manufacture custom laser projectors. Creator of the world's largest inflatable screen. Professional demonstration studio and in-house art/production staff. Also, produce indoor pyrotechnic displays nationwide.

Laservision (Aust.) Pty. Ltd.

50 Carters Road
Dural, NSW 2158
Australia
(+61) 2 651-1511, fax 651-3217
Contact: Paul McCloskey

Lighting Systems Design, Inc.

4625 Old Winter Garden Road, #B-6
Orlando, FL 32811-1777
(407) 299-9504, fax 299-3965
CompuServe: 73121,3231
Contact: Greg Makhov

► Manufacture and produce laser displays and equipment. Technical and programming services, and design consultation available.

Lightspeed Design, Inc.

2214 144th Avenue SE
Bellevue, WA 98007
(206) 644-0199 tel/fax
Contact: Casey Stack

► Award-winning artists specializing in the design and production of laser art for the amusement, corporate and film industries. Also, laser technical services, project management and consulting.

LOBO electronic GmbH

Hofackerstraße 13
D-73430 Aalen
Germany
(+49) 7361-6095, fax 7361-68810
Contact: Lothar Bopp

Mundo Audiovisual, S.A.

San Francisco N. 524
Col. de Valle DF 03100
Mexico
(From U.S.) (525) 660-3882, fax 536-8756
Contact: Carlos Kelisek
Multimedia production company; entertainment and audiovisual equipment sales. Video production and post-production. Computer graphics.

Northern Lights

4727 Foxgrove Avenue
Fort Wayne, IN 46818
(219) 489-7920
Contact: Will Babcock

Peachtree Laser, Inc.

1465-C Howell Mill Rd.
Atlanta, GA 30324
(404) 873-1315, fax 875-5258
Contact: Jim Martin

► Design and produce laser light shows and displays for multimedia, film, billboards, music tones and outdoor events. Our systems utilize Laser Media graphics systems.

Showlasers, Inc.

P.O. Box 541925
Dallas, TX 75354-1925
(214) 350-8517, fax 350-BEAM
Contact: Steve Jander

► World concert tours, trade shows, sales meetings, film and outdoor displays. Large library of pre-programmed modules with music. Custom programming incorporating 3D full-color animated graphics, logos, abstracts and atmospheric effects. Systems include backup equipment.

tarm Showlaser GmbH

Rombacher Hütte 6-8
D-4630 Bochum 1
Germany
(+49) 234-459-070, fax 234-944-9494
Contact: Ralf Lottig

► Produce laser shows for corporations, special events, concerts, etc.

tarm SLL Technik GmbH

Rombacher Hütte 6-8
D-4630 Bochum 1
Germany
(+49) 234-459-070, fax 234-43676
Contact: Dirk Hilmes

► Manufacture laser systems; design, create, produce laser shows, amusement attractions, planetariums, indoor, outdoor. Full service.

Affiliate Members

Cambridge Technology, Inc.

23 Elm Street, Watertown, MA 02172
(617) 923-1181, fax 924-8378
Contact: Bruce Rohr

- Manufacture optical scanning galvanometers for scientific, industrial and laser light show applications.

CITC

343 S. Montezuma #98
Prescott, AZ 86303
(602) 771-8268, fax 771-8267
Contact: Gary Crawford

- Special effects diffused fog machine and aerosol fog spray for maximum laser lengths and uninterrupted laser beams. Diffused fog is clean, odorless and non-irritating. Fans also available for directing air quietly and farther. Export and distributors welcome.

Coherent Laser Group, Inc.

2480-4 Briarcliff Road, #344
Atlanta, GA 30329
(404) 320-9350, fax 320-7261
Contact: Gene Schallern

- Manufacture lasers for science, medicine and industry, including argon, krypton, mixed gas and dye lasers for entertainment. Rugged, reliable, sealed-mirror technology with powers to 30 watts.

Crystal Technology, Inc.

1040 E. Meadow Circle
Palo Alto, CA 94303
(415) 354-0154, fax 858-0944
CompuServe: 72163,155
Contact: John Lucero

- Manufacture crystals and components for OEM applications involving acousto-optics, electro-optics and integrated optics. Products for the entertainment industry include polychromatic acousto-optic modulators (PCAOMs) and acousto-optic modulators (AOMs).

East Coast Control Systems, Inc.

4955 Brookhaven Street
Cocoa, FL 32927-8381
(407) 631-9799 tel/fax
Contact: Jay Wooten

- Design, manufacture and install presentation and control systems for multi-image, video and laser show applications in planetariums and other venues. Specialize in time code synchronization, distributed control and embedded control. Produce the Aquila SMPTE time code controller. Custom projects accepted.

El Don Engineering

4629 Platt Road
Ann Arbor, MI 48108
(313) 973-0330 tel/fax
Contact: Donald Gillespie

- Specialize in the repair of Spectra-Physics lasers including the reprocessing of laser tubes. Two electrical engineers on staff to diagnose users' electronics problems or to repair failed systems.

General Scanning, Inc.

500 Arsenal Street
Watertown, MA 02172
(617) 924-1010, fax 924-7250
Contact: John Oskirko

- Manufacture and design optical scanning components and systems based on galvanometer and resonant scanner technologies to provide fast, precise placement of light.

Integrated Design Engineering, Inc.

1078 Headquarters Park Dr.
Fenton, MO 63026
(314) 343-0005
Contact: William Yakstis

Laser Physics, Inc.

3673 W. 1987 S.
Salt Lake City, UT 84104
(801) 975-2668, fax 975-7011
Contact: Kevin Ostler

Lexel Laser, Inc.

48503 Milmont Drive
Fremont, CA 94538
(510) 770-0800, fax 651-6598
Contact: Leonard Goldfine

- Design and manufacture argon, krypton and mixed gas ion lasers, cw dye and Ti:sapphire lasers, and cw Nd:YAG laser systems.

Pangolin Laser Software

933 N. Kenmore St., Suite 317-A
Arlington, VA 22201
(703) 527-4880, fax 527-1439
CompuServe: 72622,364
Contact: Patrick Murphy

- Manufacture realtime 3D graphics software used by laser show producers to create and perform laser displays.

Spectra Physics, Inc.

1335 Terra Bella Ave.
Mountain View, CA 94043
(415) 961-2550, fax 969-3546
Contact: David Jones

- Manufacture HeNe, ion, pulsed and cw Nd:YAG lasers, pulsed and cw dye lasers; Ti:sapphire lasers; acousto-optic modulators; laser accessories and components.

Not-for-profit Members

Benedum Science Theater

Wheeling Park Commission
Oglebay Resort and Conference Center
Wheeling, WV 26003
(304) 243-4034, fax 243-4110
Contact: Steven Mitch

Bishop Planetarium

South Florida Museum
201 10th Street West
Bradenton, FL 34205
(813) 746-4132, fax 747-2556
Contact: John Hare

► In-house producer and operator of laser lightshows. Market soundtracks with imaging plus an extensive catalog of individual colored and blanked frames and animations.

Center for Research in Electro-Optics and Laser (CREOL)

University of Central Florida
12424 Research Parkway
Orlando, FL 32826
Contact: Dr. M. J. Soileau

Russell C. Davis Planetarium

201 East Pascagoula Street
P.O. Box 22826
Jackson, MS 39205-2826
(601) 960-1550, fax 960-1555
Contact: Gary M. Lazich

► 18-meter (60-foot) dome theater with Minolta MS-20 star and Cinema 360 film projectors; seats 170. Have run several limited series of outside shows. Purchased RGB PCAOM projector from Brevard Community College for Laser Visions shows. Developing in-house production capability.

Edmonton Space and Science Center

11211-142 Street
Edmonton, Alberta T5M 4A1
Canada
(403) 452-9100, fax 455-5882
Contact: Joel Charles

Robert T. Longway Planetarium

1310 E. Kearsley Street
Flint, MI 48503
(313) 760-1181, fax 760-6774
Contact: Ryan Ekleberry

Miami Space Transit Planetarium

3280 S. Miami Avenue
Miami, FL 33129
(305) 854-4244, fax 854-2239
Contact: Mark Bennett

Minneapolis Planetarium

Friends of the Minneapolis Public Library
300 Nicollet Mall
Minneapolis, MN 55401-1904
(612) 372-6543, fax 372-6623
Contact: Rodney M. Nerdahl

► Currently offering laser shows under contract with outside company. Theater consists of 12.2 meter dome with Spitz Model C planetarium and concentric seating for 150.

Mueller Planetarium

213 Morrill Hall
University of Nebraska
Lincoln, NE 68588-0338
(402) 472-2641, fax 472-8899
Contact: Jack Dunn

► In-house public laser shows (rock, classical, jazz, country). Custom shows for corporate and other special groups. Home of "Lighting Up the Night", a project using lasers to aid the visually impaired.

Science Center of Pinellas County, Inc.

7701 22nd Ave. N.
St. Petersburg, FL 33710
(813) 384-0027
Contact: Susan S. Gordon

► Stimulates an interest in science in students of all ages, using hands-on method of instruction. Also encourages students towards science-oriented careers and hobbies. Exhibits and laser shows open to the public.

St. Louis Science Center

5050 Oakland Ave.
St. Louis, MO 63110
(314) 289-4400, fax 289-4420
Contact: Mary Stewart

► Science and technology center, displaying laser shows written for the Science Center on specific topics.

Tycho Brahe Planetarium

Gl. Kongevej 10
1610 Copenhagen V
Denmark
(+45) 3 314-4888, fax 314-2888
Internet: lars_c@astro.kv.dk
Contact: Lars Lindberg Christensen

► 23 meter tilted dome. Zeiss GTD star projector, Omnimax projector. 65 shows per week: Omnimax films, starshows, educational shows, corporate events and laser shows.

John Young Planetarium

Orlando Science Center
810 E. Rollins Street
Orlando, FL 32803
(407) 896-7151, fax 896-3561
Contact: Mark Howard

Individual Members

Aron Bacs

5828 Wye Oak Commons Ct.
Burke, VA 22015
(703) 42-LASER (425-2737) home;
(703) 478-5270 work, fax 478-5274

► Design engineer -- electronic, mechanical and optical. From design through consulting, prototyping to finished systems. Analog designs a specialty. Also computer controlled analog, 3D computer graphics and very wide angle scanning at very high speeds.

John R. Birchman

P.O. Box 22185
Lake Buena Vista, FL 32830
(407) 256-6526

Brian Blalack

6401 S. Westshore Blvd., #419
Tampa, FL 33616

Allen F. Crabtree IV

359A R.F.D. #10
Concord, NH 03301
(603) 798-5833 office tel/fax, 938-5374 lab tel/fax

► Inventor. Work in Volumetry™ cartesian systems, Pixelon™ systems, Virtual Data Processing™, Virtual Stereo-Lithography™, Virtual Stereo-Crystallography™, volumetric laser display, virtual scanning arrays, optical assimilation arrays, H.O.E. assimilation systems. Also prototypes, application design, computer hardware and software, laser R&D, technical consulting.

Frederick S. Fenning

78 S. Border Rd
Medford, MA 02155
(617) 395-6812

Friedrich Forster

Hechinger Str. 203
D-72072 Tuebingen
Germany
(+49) 7 071 72034, 071 78209

► Develops interactive laser hardware and software. Combines of laser with slide and video projections. MIDI interfaces where MIDI events generate laser graphics and laser reflection generates MIDI events.

Matt Hannifin

P.O. Box 4574
Austin, TX 78765
(512) 452-7444

► Freelance laser show operator experienced with several systems (recommendations available upon request). A.S. degree in laser electro-optics (TSTI), certified New York Class B high-power laser operator, pyrotechnician (Texas licence), boomerang manufacturer.

Jan Kriland

Box 2004
S-19102 Sollentuna-Stockholm
Sweden
(+46) 10 248-0808, fax (+46) 892-9602
► Producer and animator of laser shows.

David Lytle

1848 S.E. 41st Avenue
Portland, OR 97214
(503) 234-8994 tel/fax
CompuServe: 71212,573; MCI Mail: DLYTLE

► Editor, *The Laserist* magazine. Contributing editor, *Photonics Spectra* magazine. Independent marketing and public affairs services for high-technology companies.

Rockne Krebs

1428 U St. N.W.
Washington, DC 20009
(202) 265-4808

Peter Mayer

Max Weber Pl. 10
81675 Munich
Germany
(+49) 89 470-5611 tel/fax

Ron Meuse

1328 Dunsterville Avenue
Victoria, BC V8Z 2X1, Canada
(604) 479-4357, fax 386-3312

Craig Nelson

9879 Turtle Dove Ct.
Elk Grove, CA 95624

John O'Hagan

13 Chapel Road, Stanford-in-the-Vale
Faringdon, Oxfordshire SN7 8LE
England
(+44) 235 831600, fax 235 833891

► Laser safety researcher and advisor specializing in display lasers.

Mark Pacheco

65 Yonder St.
Sparks, NV 89436
(702) 674-6638, fax 784-4822

Luciano Pires

Apartado 981
Lisbon Codex 1911
Portugal
(+35) 11 806 261, fax (+35) 11 759 8465
► Producer of laser shows and systems.

Frank Plughoff

2438 Taraval
San Francisco, CA 94116
(415) 681-5929

Kelly Plughoff

2438 Taraval
San Francisco, CA 94116
(415) 681-5929

Mahmoud Razzaghi

3740 Boyd Ave. #153
San Diego, CA 92111
(619) 541-0557, fax 279-7350
► Inventor and manufacturer of laser beam size control, "Laser Brush". Perform R&D in laser scanning, laser HDTV and light valve. Provide consulting services in laser scanning and optics.

Robin Weiss

Im Altrott 8
D-69723 Plankstadt
Germany

John Willemse

110/9 501 Phaholyotin 2, Phaholyotin Rd.
Payathai, Bangkok 10400
Thailand

Student Members

Robert G. Batchko

1850 Midland Ave.
Highland Park, IL 60035
(312) 764-4401

► Volumetric and holographic telecommunication systems, Laser-Addressed Multiplexed Display Apparatus (LAMDA™), high-frequency optical scanning and multi-dimensional laser light show research and development. Patents, published articles and other references available upon request.

Bill Bennett

P.O. Box 186
Hillsdale, MI 44242
CompuServe: 70742,365
Internet: 70742.365@compuserve.com

Leo Bitteker

4919 Marquette N.E..
Albuquerque, NM 87108
(505) 254-9247

► Student at University of Florida/Los Alamos National Laboratory

Scott R. Mangum

34 Ponderosa Drive
Clifton Park, NY 12065
(518) 383-5589, fax 373-0029

► Graduate student -- M.S. Lighting; School of Architecture, Rensselaer Polytechnic Institute, Troy, NY, B.S. Electro-optics, 1987. Experience and interests: optical engineering, stage lighting, fiber optic illumination systems, electronic art, integration of laser technology into architecture.