
Calendar

To list an event in the Calendar, contact Julia Phillips, AT&T Bell Laboratories, 600 Mountain Avenue IE-431, Murray Hill, NJ 07974; telephone (201) 582-4428.

MRS indicates the meeting is sponsored by or affiliated with the Materials Research Society.

DECEMBER 1985

- 2-6 **MRS** Fall Meeting of the Materials Research Society. Boston, MA.
J. B. Ballance,
Materials Research Society,
9800 McKnight Rd., Suite 327,
Pittsburgh, PA 15237;
(412) 367-3003.
- 18-20 Solid State Physics Conference. University of Reading. Inst. of Physics, 47 Belgrave Sq., London SW1X 8QX, U.K.; 01-235-6111

JANUARY 1986

- 19-24 Symposium on Optical and Electro-Optical Engineering. Los Angeles, CA.
SPIE, P.O. Box 10, Bellingham, WA 98227-0010; (206) 676-3290.
- 27-28 Conference on III-V and II-VI Compound Semiconductor Surfaces: Structure, Composition, and Electrical Properties. Atlanta, GA.
Microelectronics Research Center, Building 0250, GA Institute of Technology, Atlanta, GA 30332; (404) 894-2928.

FEBRUARY 1986

- 9-12 9th Annual Meeting of the Adhesion Society. Hilton Head, SC.
J. P. Wightman, VPE, Chemistry Dept., Blacksburg, VA 24061; (703) 961-5854.

MARCH 1986

- 9-14 SPIE Symposium on Microlithography. Santa Clara, CA.
SPIE Technical Program Committee, P.O. Box 10, Bellingham, WA 98227-0010; (206) 676-3290.
- 22-25 Conference of the Condensed Matter Division of the European Physical Society. Stockholm, Sweden.
G. Grimvall, Dept. of Theoretical Physics, Royal Inst. of Technology, S-100 44 Stockholm, Sweden.
- 31-4 General Meeting of the APS. Las Vegas, CA.
W. W. Havens, 335 E. 45th St., New York, NY 10017
- 31-5 Optical Society of America 1986 Spring Meeting. Honolulu, Hawaii.
OSA, 1816 Jefferson Pl., N.W., Washington, DC 20036

APRIL 1986

- 6-11 International Conference on Metallurgical Coatings. San Diego, CA.
H. A. Beale, Applied Coatings International, 775 Kaderly Dr., Columbus, OH 43228
- 7-10 **MRS** Low Energy Ion Beams—4. Brighton, England.
The Institute of Physics, 47 Belgrave Square, London SW1X 8QX, England; 01-235-6111.
(See related article in Vol. X No. 5.)
- 8-10 31st National SAMPE Symposium—Materials Science for the Future. Las Vegas, CA.
Marge Smith, SAMPE, P.O. Box 2459, Covina, CA 91722; (818) 331-0616.

- 13-18 American Chemical Society General Meeting. New York, NY.
American Chemical Society, 1155 16th St., N.W., Washington, DC 20036.
- 15-18 **MRS** Spring Meeting of the Materials Research Society. Palo Alto, CA.
J. B. Ballance,
Materials Research Society,
9800 McKnight Rd., Suite 327,
Pittsburgh, PA 15237;
(412) 367-3003.
- 27-1 American Ceramic Society General Meeting. Chicago, IL.
American Ceramic Society, 65 Ceramic Dr., Columbus, OH 43214.

MAY 1986

- 1-2 **MRS** Semiconductor Based Heterostructures: Interface Structure and Stability (1986 TMS Northeast Regional Conference). Murray Hill, NJ.
Martin L. Green, AT&T Bell Laboratories, Murray Hill, NJ; (201) 582-3000.
- 4-9 Spring Meeting of the Electrochemical Society. Boston, MA.
Electrochemical Society,
10 S. Main St., Pennington, NJ 08534-2896.
- 4-9 Fifth International Symposium on Silicon Materials Science & Technology. Boston, MA.
H. R. Huff, Monsanto Electronic Materials Company, 755 Page Mill Rd. P.O. Box 10123, Palo Alto, CA 94303
- 27-30 International Conference on Composite Interfaces. Cleveland, OH.
H. Ishida, Dept. of Macromolecular Sci., Case Western Reserve Univ., Cleveland, OH 44106; (216) 368-4285.

(continued on the next page)

(continued from the previous page)

JUNE 1985

- 9-13 **MRS International Conference on Ion Beam Modification of Materials.**
Catania, Italy.
E. Rimini, Depart. of Physics,
Corso Italia 57, 195129 Catania,
Italy.
- 9-13 OSA/IEEE Conference on Laser & Electro-Optics (CLEO '86).
San Francisco, CA.
Optical Society of America, 1816
Jefferson Pl., N.W., Washington,
DC 20036
- 9-13 International Conference on
Quantum Electronics.
San Francisco, CA.
Optical Society of America, 1816
Jefferson Pl., N.W., Washington,
DC 20036;
(202) 223-0920.
- 10-12 7th International SAMPE
European Chapter Conference &
Exhibition.
Munich, Germany.
SAMPE, 843 West Glentana (Box
2459), Covina, CA 91722;
(818) 331-0616
(See related article in Vol. X No. 5.)

JULY 1986

- 7-11 Fifth International Conference on
Surface Modification of Metals of
Ion Beams.
Kingston, Ontario.
J. L. Whitton, Physics Dept.
Queens Univ., Kingston, ONT
K7L 3N6: (613) 547-2746.
- 28-31 International Conference on
Ceramic Microstructures '86: Role
of Interfaces.
University of California, Berkeley,
CA.
Joseph A. Pask, Dept. of Materials
Science and Mineral Engineering,
University of California, Berkeley,
CA; (415) 642-3801.
- 28-1 Second International Conference
on Shallow Impurity Centres.
Trieste, Italy.
Prof. R. Resta, SISSA Strada
Costiera 11, 34014 Trieste, Italy;
telephone (040) 22 41 18; telex
460392 ICTP I.

AUGUST 1986

- 10-13 International Conference on Low-
Energy Dislocation Structures.
Charlottesville, VA.
D. Murdaugh, Dept. of
Conferences & Institutes, Div. of
Continuing Education, P.O. Box
3697, 104 Midmont Ln.,
Charlottesville, VA 22903; (804)
924-7141.
- 11-15 18th International Conference on
the Physics of Semiconductors.
Stockholm, Sweden.
S. T. Pantelides, ICPS-18 Program
Subcommittee Chairman, IBM T.
J. Watson Research Center, P.O.
Box 218, Yorktown Heights, NY
10598; (914) 945-3000.
- 17-22 30th Annual Symposium on
Optical & Electro-Optical
Engineering.
San Diego, CA.
SPIE, P.O. Box 10, Bellingham,
WA 98227-0010; (206) 676-3290.
- 18-22 14th International Conference on
Defects in Semiconductors.
Paris, France.
D. Stievenard, Secretary ICDS 14,
ISEN, 3 rue François Baës, 59046,
Lille, France.

SEPTEMBER 1986

- 7-10 International Conference on
Molecular Beam Epitaxy.
York, U.K.
G. J. Davies, British Telecom
Research Labs, Martlesham
Heath, Ipswich IP5 7RE, U.K.
- 8-11 16th European Solid State Device
Research Conference.
Cambridge, UK.
Meetings Officer,
IOP, 47 Belgrave Sq.,
London, UK SW1X 8QX.
- 14-19 Symposium on Optical & Electro-
Optical Engineering.
Cambridge, MA.
SPIE, P.O. Box 10, Bellingham,
WA 98227-0010.
- 22-27 Eighth International Congress on
the Chemistry of Cement.
Rio de Janeiro, Brazil.
Secretaria Geral-8° Cong. Int. de
Quim. do Cimento, Rua da
Assembléia, 10, 40° Andar, Grupo
4001, 20.011, Rio de Janeiro, RJ,
Brazil.

- 28-1 13th International Symposium on
GaAs and Related Compounds.
Hilton Head, SC.
C. M. Wolfe, Washington Univ.,
Box 1127,
St. Louis, MO 63130.

OCTOBER 1986

- 7-9 18th National SAMPE Technical
Conference.
Seattle, WA.
SAMPE, 843 West Glentana (Box
2459), Covina, CA 91722; (818)
331-0616.
(See related article in Vol. X No. 5.)
- 19-24 Fall Meeting of the
Electrochemical Society.
San Diego, CA.
Electrochemical Society,
10 S. Main St.,
Pennington, NJ 08534-2896.
- 21-24 Meeting of the Optical Society of
America.
Los Angeles, CA.
OSA, 1816 Jefferson Pl., N.W.,
Washington, DC 20036.
- 26-31 33rd National Vacuum
Symposium of the American
Vacuum Society.
Baltimore, MD.
N. Hammond, 335 E. 45th St.,
New York, NY 10017.

NOVEMBER 1986

- 3-7 Meeting of the Division of Plasma
Physics of the APS.
Baltimore, MD.
W. W. Havens, 335 E. 45th St.,
New York, NY 10017.

DECEMBER 1986

- 1-5 **MRS Materials Research
Society Fall Meeting.**
Boston, MA.
J. B. Ballance, Materials Research
Society, 9800 McKnight Road,
Suite 327, Pittsburgh, PA 15017.

MRS

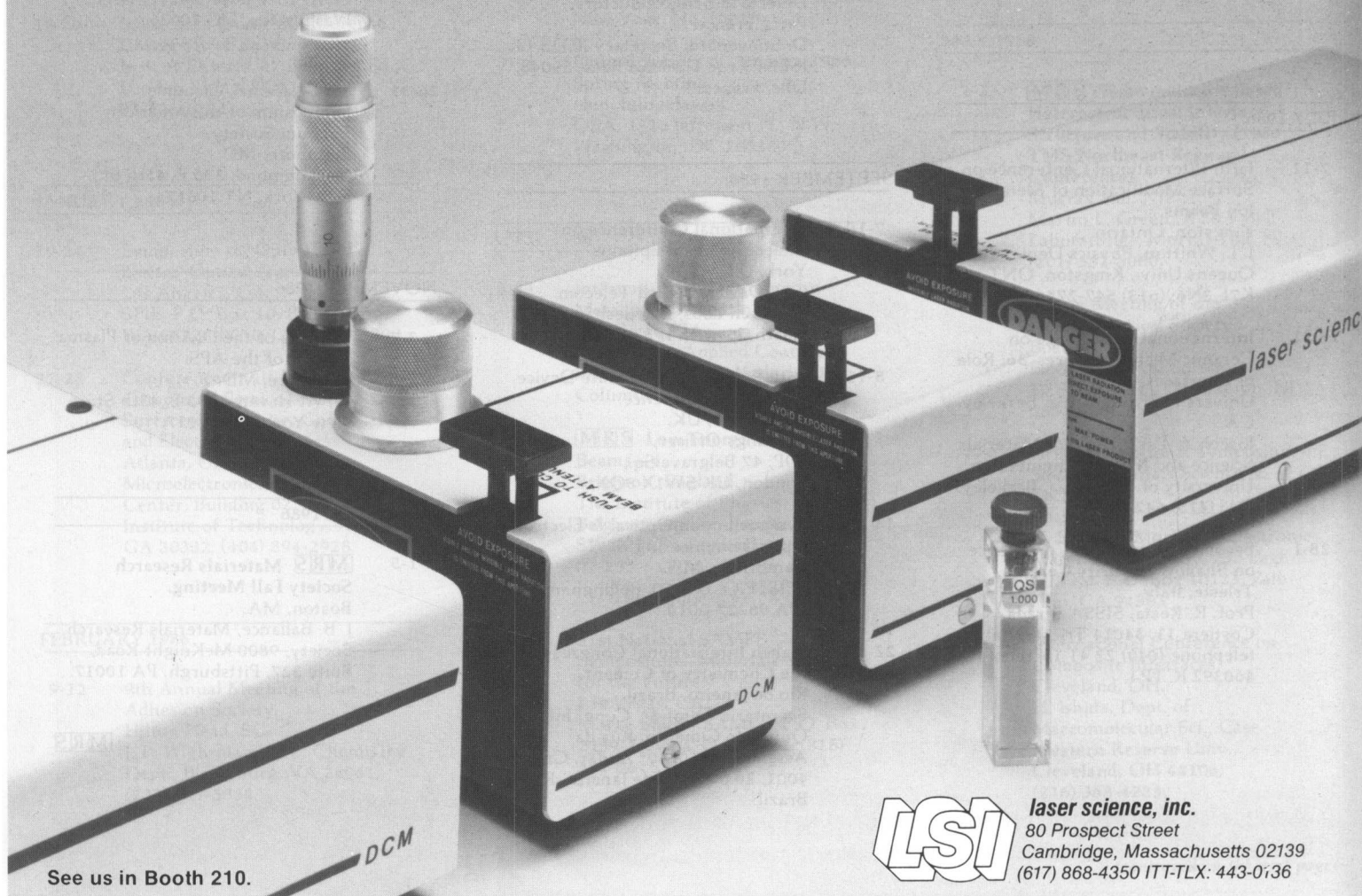
Compact, easy to operate, reliable and self-contained, the VSLs are as versatile as they are affordable. The VSL-337 is a pulsed UV nitrogen laser—or, with one of three available dye laser modules, a tunable visible laser. The VSL-DYE is a single integrated unit, only 12" x 5" x 2", containing both a nitrogen laser and a grating-tunable dye laser module. With a VSL, there are no flowing gases, no tedious aligning procedures—just an intense, pulsed, monochromatic source that allows you to concentrate on your application, not the apparatus.

The Affordable Advantage

Use a VSL for time-resolved fluorescence, phosphorescence, fluorescence microscopy, remote excitation, cell stimulation and surgery, PMT calibration, teaching, laser spectroscopy. . .

Very Small Lasers at half the price you would expect to pay

- **UV Source**
40kW peak power at 337nm, 3 nanosecond pulse width.
- **Visible Source**
5kW peak power, tunable from 360–950nm.
- **Narrow Bandwidth**
Down to 0.1 Å with the grazing incidence dye module.
- **Portable**
Operates in the field with 12V battery pack.
- **Sealed Plasma Module**
All components with finite lifetimes integrated in a unique replaceable cartridge.
- **Easy to Use**
Plug it in, turn it on. No special skills needed.
- **Focusable**
Entire laser pulse easily focusable to a few microns.
- **OEM Models Available**
Let us know your needs.



LSI laser science, inc.
80 Prospect Street
Cambridge, Massachusetts 02139
(617) 868-4350 ITT-TLX: 443-0736