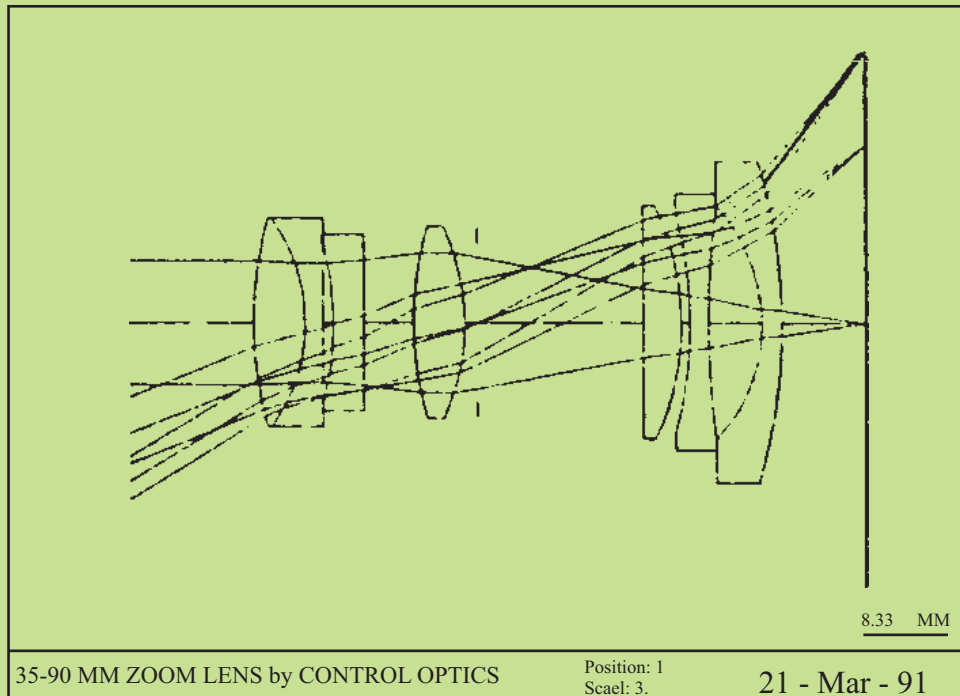


**1991 LASER/ELECTRO-OPTICS EDUCATION WORKSHOP
(International)**

A 3 Day Workshop for Department Chair and Instructors
of Laser/Electro-Optics
July 18-21, 1991



Sponsored By
The Center for Occupational Research & Development
601 C. Lake Air Drive
Waco, Texas 76710

Hosted By

Optical Engineering Dept., AAIC
University of La Verne, California

Laser Electro-Optics Technology
Pasadena City College,
Pasadena, California

&

Control Optics Corporation
Baldwin Park, California

**1991 LASER/ELECTRO-OPTICS EDUCATION WORKSHOP
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REGISTRATION FORM

HOTEL LOCATION: ULV/AAIC and Control Optics has blocked a group of rooms. Please make your own reservations at the hotel, giving them the name of our group to receive the special room rate of \$49.00+tax, single occupancy. Reservation cut off is July 8, 1991.

Holiday Inn - West Covina
3223 East Garvey North, West Covina, CA 91791
Tel: 818-966-8311 or 800-465-4329 FAX: 818-339-2850

* Closest airport to University of La Verne and hotel is Ontario airport. Hotel will provide transportation between Holiday Inn and Ontario airport.

WORKSHOP REGISTRATION FEE: \$90.00

Name: _____

Position: _____

Dept: _____

School: _____

Address: _____

City: _____

State: _____ Zip: _____ Tel: _____

Yes, I plan to attend, and pay when I arrive: _____

Sorry, I cannot attend: _____

Payment enclosed: _____

Purchase order #: _____

Return Form to:

Ms. Peggy Tooker, Workshop Coordinator
Center for Occupational Research & Development
601 C Lake Air Drive
Waco, TX 76710

**1991 LASER/ELECTRO-OPTICS EDUCATION WORKSHOP
(International)**

TENTATIVE AGENDA

* Thursday: July 18, 1991

6:00pm Informal Reception (Holiday Inn, West Covina)

7:30 Evening Free

* Friday: July 19, 1991

8:30am Welcom with Opening Comments (D. Hull & V. Spaulding)

Competitive Strategy in E-O warfare & Training system. Dr. Wah Lim, V.P. Loral

9:15 Electro-Optics Curricula History and Future in U.S.A. and overseas. (Dr. S. L. Chin)

- Pioneer in U.S.A. electro-optics technology education

Bob Reid, TSTI

- Pioneer in west coast electro-optics technology education

John DeLeone, San Jose City College, California

- Optical fabrication training in the 90's and beyond.

R.F. Novak, Monroe community College

- The evolution of E-O research institute in education.

Dr. S.L. Chin, University of Laval, Canada

- Economic miracle & electro-optics education in Taiwan.

Dr. T.K. Wang, Director, PIDC National Science Council, Taiwan, ROC

- Electro-optics education in China.

Dr. Song-Lin Zhong, Shanghai Institute of Optical Instrument, Shanghai Institute of Laser Technology, & Control optics Corp.

- Birth and evolution of a new optics program in Italy.

Dr. L. Pirroda, University of Di Cagliari

- Birth and evolution of the first fiber optics program in the world.

Dr. Fred Seeber, Camden County College

*The location for all sessions of the LEOT Workshop (which Begin Friday morning at 8:30 A.M.) will be the ULV/AAIC ing at 2140 "D" Street, La Verne (AAIC Dadian Academic Center).

*Four meals, 2 lunches and 2 dinners, will be included in the registration fee, locations to be announced.

*For those arriving at Ontario Airport, there is van transportation available to the West Covina Holiday Inn. Those arriving at LAX, or other, will need to check airport bus transportation which is usually available.

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- Birth and evolution of a four year E-O program. Dr. Perm Batra, Cincinnati Technical College

- 11:00 E-0 Program Reviews & Panel Discussion (John DeLeone, Chair)
Panel: W. Lim, T.K. Wang, S.L. Zhoung, L. Pirroda, B.Reid, J. DeLeone, R. F. Novak, F. Seeber, & P. Batra. - 5-10 minutes presentation (includes handouts of individual 2-4 year Programs) (more time will be allowed on Saturday morning)
- 12:30 Lunch-Presentations
(2+2+2) electro-optics education program planning W.Liu, Chairman & V. Spaulding Asst. Chairman, Optical Engineering Dept. University of La Verne
- 2:00pm Tour of Electro-Optics Facilities (Paul Wu & Dr. T.H.Chao) Loral, JPL, or Cal. Tech.
- 6:00 Dinner & Program
LEOT Market Projections (Dr. Cameron Knox, TRW)

* Saturday, July 20, 1991

- 8:30am Technical Research Presentation - Potential New Courses (Ken Adams)
- Holographic optical element research & application Chris Rich, Physical Optics Corp. John Wreede, Senior Scientist/Hughes Aircraft & PCC
 - Nonlinear optics crystal research & applications Dr. Jia-Ming Liu, Professor of EE, UCLA
 - Image processing & remote sensing Dr. T.H. Chao, Senior Scientist, JPL
 - Semiconductor laser research & application Dr. Jane Yang & Chan Tu, TRW
- 12:00 Lunch
- 1:00pm CORD Curriculum and Materials
(Peggy Tooker, Dan Hull, & Leno Pedrotti)
- 2:30 Contributed Papers on Lab Activities, Student Project & Computer Projects.(William A. Deutschman)
- 6:00 Dinner

**1991 LASER/ELECTRO-OPTICS EDUCATION WORKSHOP
(International)**

• Sunday, July 21, 1991

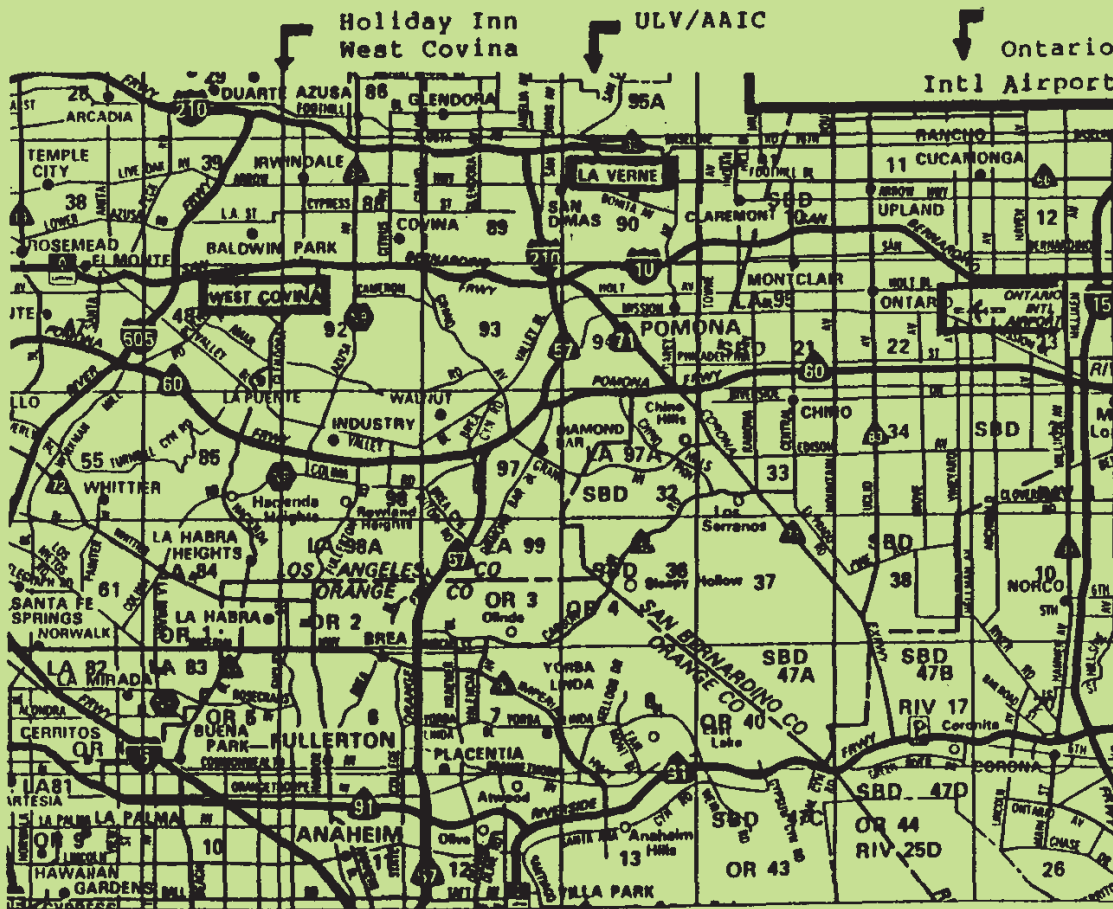
8:30am Mini-Seminars: Hands On (V. Spaulding)

- Optical design using Code V by W. Liu & Optical Engineering Dept.
- Moire's methodology by Tom Burkhard and Stacy Blackburn
- LCLV theory & application by Dr. T.H. Chao and Andy Chao

12:00 Workshop Summary-Adjournment (Dan Hull)

• July 27-76: SPIE's* 1991 International Symposium on Optical and Opteo-electronic Applied Science & Engineering will be held at San Diego.

• Local places of worship are available for those desiring to attend.



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Tel: 818-966-8311 or 800-465-4329 FAX: 818-339-2850

**1991 LASER/ELECTRO-OPTICS EDUCATION WORKSHOP
(International)**

Workshop & Conference Committee

Advisory Committee

Peggy Tooker, Dan Hull, & Leno Pedrotti, CORD Tel:817-772-8756, FAX:817-772-8972

Chair

Qai-Min Liu, ULV/AAIC, Tel: 714-593-3511x4807, Pasadena City College, Tel: 818-585-7150, or
Control Optics, Tel: 818-813-1991, Fax: 818-813-1993

Co-Chairs

Vernon Spaulding, ULV/AAIC, Tel: 714-593-3511, x4807
T.H. Chao, JPL, Pasadena, Ca Tel: 818-354-8614
T.K. Wang, National Science Council, Taiwan Tel: 886-35-779-624
William A. Deutschman, Oregon Laser Consultants, Tel: 503-882-3195
Bob Reid, TSTI, Texas Tel:806-335-2316
Ken Adams, Itawamba Junior College, Tel: 601-842-5621

Session Chairs

Vernon Spaulding: Welcome and opening Comments, Dinner and Program Arrangement, Hands On Mini-Seminars
Dr. S.L. Chin: Electro-Optics Education Curricula History and Future in the U.S.A and Over Seas
John DeLeone: E-O Program Reviews and Panel Discussion
William Deutschman: Contributed papers on lab activities, student projects and computer projects.
Paul Wu & T.H. Chao: Tour Arrangements
Ken Adams: Technical Research Presentation
Peggy Tooker & Leno Pedrotti: Cord Curriculum & Materials

Transportation Between Hotel & ULV Arrangements Wai-Min Liu, Vernon Spaulding, & Yi-Wen Huang
Tel: 714-593-3511 x4807
Tom Burkhard, & Andy Chao Tel: 818-813-1991

Reception & Registration

Yi-Wen Huang
Peggy Tooker

Treasurer

Peggy Tooker