

Martin M. Fejer
Professor of Applied Physics
Edward L. Ginzton Laboratory
Stanford University, Stanford, CA 94305
phone: 650 725 2160 fax: 650 723 2666 email: fejer@stanford.edu

Education:

B.A. in Physics, Magna Cum Laude, Cornell University, 1977
M.S. in Applied Physics, Stanford University, 1979
Ph.D. in Applied Physics, Stanford University, 1986

Employment:

1979 Physicist, Lawrence Livermore National Laboratory
1986 – 1989 Acting Assistant Professor, Stanford University
1989 – 1993 Assistant Professor, Stanford University
1994 – 2000 Associate Professor (Research), Stanford University
2000 – Professor of Applied Physics, Stanford University
2002 – 2005 Chair of Applied Physics, Stanford University
2005 – Senior Associate Dean of Humanities and Sciences, Stanford University

Teaching:

Laser, Nonlinear Optics, and Guided Wave Optics Laboratory Courses (1987-93)
Science, Math and Engineering Core SME 3, Light (1999-2000)
Intermediate Physics Laboratory, (2001)
Lasers I and II, (2002-2003)
Outstanding Teaching Award, 1992

Ph.D. Supervision:

Currently supervising 11 Ph.D. students and 1 post-doc

Awards:

R. W. Wood Prize, Optical Society of America (1998)

Publications and Patents:

Author of >230 technical publications, holder of 20 patents.

Consulting:

Coherent, Inc., Photonic Materials

Professional Societies and Activities:

Fellow: OSA
Member: IEEE, AACG, SPIE
OSA Board of Directors (2004 –)
IEEE LEOS Board of Governors (2001 – 2003)
Chair, OSA Quantum Electronics Division (1997 – 98)
Chair: OSA Nonlinear Optics Technical Group (1994 – 97)
Joint Council on Quantum Electronics (1998 – 2001)
CLEO Steering Committee (1998 – 2001)

Conference Organization:

Conference on Lasers and Electro-Optics (CLEO): 1991-95, 2000-02

General Chair: 2002; Program Chair: 2000
Nonlinear Optics Subcommittee Chair: 1994-95
Integrated Photonics Research Meeting: 1991-94, 1998
Nonlinear Phenomena Subcommittee Chair: 1993
Compact Blue-Green Source Topical Meeting: 1992-94
Program Committee Chair: 1994
Nonlinear Optics Topical Meeting: 1994-96, 2002 – 4
Nonlinear Guided Wave Optics Topical Meeting: 1995, 2001
Program Committee Cochair: 1995
General Chair: 1998
Advanced Solid-State Lasers Topical Meeting: 1995-96
Program Committee Chair: 1997-98
General Chair: 1998-99
IEEE Lasers and Electrooptics Society Annual Meeting: 1997
Solid-State Lasers Materials and Applications (China): 1997

University Activities:

Applied Physics Department Chair (2002 – 05)
Stanford Photonics Research Center Co-director (1992 –)
Ginzton Laboratory Safety Committee Chair (1992 –)
Faculty Senate (2001 – 02)
University Committee on Health and Safety (1996-99, Chair 1998-99)

