

GARRET MODDEL
BRIEF CURRICULUM VITAE

Address: Department of Electrical & Computer Engineering
University of Colorado at Boulder, 425 CUB . (303) 492-1889
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Professional Experience:

- 1996-present **Professor**, University of Colorado at Boulder, Department of Electrical & Computer Engineering. Research in thin film electronic materials and optoelectronic devices.
- 2001-2005 **President & CEO**, Phiar Corporation. Venture-backed start-up developing high-speed metal-insulator components.
- 1989-1996 **Associate Professor**, University of Colorado at Boulder
- 1990-1994 **Program Manager / Thrust Leader**, Materials & Devices Program / Ferroelectric Liquid Crystals Thrust in NSF Engineering Research Center for Optoelectronic Computing Systems at the University of Colorado
- 1985-1989 **Assistant Professor**, University of Colorado at Boulder
- 1981-1985 **Staff Scientist**, SERA Solar Corporation. Carried out research on solar energy materials and devices.
- 1977-1981 **Research Assistant**, Division of Applied Sciences, Harvard University. Investigated amorphous semiconductors under Professor William Paul.

Education:

Ph.D. Applied Physics	Harvard University	1981
M.S. Applied Physics	Harvard University	1978
B.S. Electrical Engineering	Stanford University	1976

with Distinction, Phi Beta Kappa, Tau Beta Pi

Honors / Professional Service:

Fellow of the Optical Society of America
Lifetime Achievement Award from CU Technology Transfer 2003
Inventor of the Year in the Physical Sciences, 2002, University of Colorado
CU Eta Kappa Nu Teaching Award for Outstanding Professor for 1997/1998
Program Chair: 2005 Annual Meeting of the Society for Scientific Exploration
Chair: 1995 OSA topical meeting on Spatial Light Modulators
Programming and/or Organizing Committees, Local Arrangements, Symposium
Organizer: 1997 & 1999 OSA topical meetings on Spatial Light Modulators, 1994
OSA Meeting on Optically Addressed SLMs, 1992 MRS Spring Meeting on
Amorphous Silicon Technology, Ferroelectric Liquid Crystal '91 Conference, 1988
IEEE Device Research Conference.

Member:

American Physical Society (APS)
Institute of Electrical & Electronics Engineers (IEEE), Senior Member
incl. Electron Device Society (EDS)
Optical Society of America (OSA), Fellow

Publications:

120 publications and 25 patents in thin film optoelectronics technology