

GARRET MODDEL
BRIEF CURRICULUM VITAE

Address: Department of Electrical, Computer & Energy Engineering
University of Colorado at Boulder, 425 UCB (303) 492-1889
Boulder, CO 80309-0425 model@colorado.edu

Professional Experience:

1996-present **Professor**, University of Colorado at Boulder, Dept. of Electrical, Computer, & Energy Engineering. Research in quantum engineering device technology.

2007-2010 **President**, Society for Scientific Exploration

2001-2005 **President & CEO**, Phiar Corporation. Venture-backed start-up developing high-speed rectenna 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
Chair, Program Chair, Programming Committee, or Local Arrangements Chair:
2008 & 2005 Annual Meeting of the SSE; 1999, 1997, & 1995 OSA topical meeting 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)
Society for Scientific Exploration

Publications:

200 publications, 29 issued US patents