

N E W S R E L E A S E

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William Goodman Elected SPIE Fellow

SPIE – The International Society for Optical Engineering will honor 56 new Fellows of the Society this year. Fellows are members of distinction who have made significant scientific and technical contributions in the multidisciplinary fields of optics, photonics, and imaging. They are honored for their technical achievement, for their service to the general optics community, and to SPIE in particular. More than 480 SPIE members have become Fellows since the Society's inception in 1955.

“The annual recognition of Fellows provides an opportunity for us to acknowledge outstanding members for their service to the general optics community,” says Brian Culshaw, SPIE President.

William A. Goodman

Schafer Corporation, USA, for specific achievements in silicon mirror technologies for high-power and lightweight optics.

Goodman has made significant contributions in the area of silicon mirror technologies for high power and lightweight optics. In the area of high power optics, he created and demonstrated a process for reducing the bulk absorption coefficient of single crystal silicon in the 1.5 to 5 micron bandwidth, which enabled high-power uncooled silicon mirrors. He was a key member of the Lockheed Martin/TRW/Schafer team that conceived, developed and matured uncooled single crystal silicon optics with very low absorption coatings used for IFX, Alpha, ALI, ALO, THEL and ABL high-energy laser programs. He provided cradle-to-grave support to the government and Xinetics for the first uncooled deformable mirror for high-energy laser systems. In the area of lightweight optics, he conceived and co-developed *Silicon Lightweight Mirror System* technology for lightweight, athermal optical components from the EUV to FarIR.

Goodman's service to SPIE has been exemplary. Through his initiative, he has reestablished the local SPIE Chapter, which provides mentorship for the only SPIE high school student chapter as part of the Photonics Academy at West Mesa High School. He has several SPIE proceedings articles and has given numerous presentations at SPIE meetings. He was the Conference Chairman for Optical Materials at the 2003 SPIE Annual Meeting. He is also the Conference Chairman for Structures and Optical Materials and Structures II at the 2005 SPIE Annual Meeting. This meeting has grown by over fifty percent under his leadership.

SPIE – The International Society for Optical Engineering is dedicated to advancing scientific research and engineering applications of optical, photonic, imaging, and optoelectronic technologies through its meetings, education programs, and publications. For more information, contact media@spie.org or visit our website at <http://spie.org>.