



Editorial

Jack D. Gaskill, Editor

Guest Editors for Special Issues

As most readers of *Optical Engineering* already know, a majority of issues of this journal are "special issues"—issues in which many of the papers are devoted to a "special" topic related to the field of optical engineering. In both 1986 and 1987, nine of the twelve issues of the journal were special issues. During 1988, it appears that we will have only seven special issues, although I hope to increase that number for 1989.

For each special issue, the Editor appoints one or more individuals to serve as Guest Editor(s). These individuals, who are unpaid volunteers, have several important responsibilities: first, they invite authors to submit papers, either directly or via a call for papers that is printed in *Optical Engineering*; then, they see that the submitted papers are reviewed by two referees; next, based on the referees' comments, they decide which papers need to be revised, which may be recommended for publication, etc.; and, finally, they forward all of the recommended papers to the Editor for a final decision. There is quite a bit of work involved in this endeavor, but the personal and professional satisfaction can be quite rewarding.

With that as background, I would like to invite readers of *Optical Engineering* who are interested in being a Guest Editor to write or telephone me and let me know your qualifications and your proposed special topic. If you are not interested yourself, or if you simply don't have the time, I would still like to hear from you if you can recommend someone else who you think might make a good Guest Editor. I'm looking forward to hearing from you.

**Future Special Issue
Call for Papers**

January 1989

Optical Computing

Guest Editors

Professor Sing H. Lee
Electrical and Computer Engineering
University of California, San Diego
La Jolla, CA 92093
619/534-2413

Dr. Ravindra A. Athale
BDM Corporation
7915 Jones Branch Drive
McLean, VA 22102-3396
703/848-7556

The January 1989 special issue of *Optical Engineering* will be devoted to optical computing. Topics to be covered will include materials, devices, architectures, and algorithms for optical computing, advances in organic materials, ferroelectric liquid crystals and multiple quantum well structures for optical computing devices, computer-generated holograms and photorefractive crystals for optical interconnections, 3-D optical memory, optics for artificial intelligence, optical neural computing, and programmable architectures and systems for digital optical computing. Authors are encouraged to submit manuscripts for consideration on any of the above or related topics to the Guest Editors before June 15, 1988.

OPTICAL ENGINEERING EDITORIAL SCHEDULE

May 1988

**Industrial Applications of Optical
Signal Processing II**

Bahram Javidi
Michigan State University
Electrical Engineering Department
East Lansing, MI 48824-1226
517/353-6329

June 1988

Contributed papers on optical engineering

July 1988

Contributed papers on optical engineering

August 1988

Photomechanics II

Fu-Pen Chiang
SUNY/Stony Brook
Lab. for Experimental Mechanics Research
Stony Brook, NY 11794
516/632-8311

September 1988

Multiple-Aperture Optical Systems

Janet S. Fender
U.S. Air Force Weapons Lab.
Optical Phased Array Branch
Kirtland AFB, NM 87117-6008
505/844-9831

October 1988

Contributed papers on optical engineering

November 1988

Optical Design

Carmina Londoño and
Jon Vantassel
Polaroid Corporation
38 Henry Street
Cambridge, MA 02139
617/577-4115

December 1988

Contributed papers on optical engineering