



Editorial

Jack D. Gaskill, Editor

The Year Ahead

As can be seen from the editorial schedule for *Optical Engineering* also found on this page, the special issues forthcoming in 1987 will address a variety of important and timely topics. Following a tradition established over the past several years, the first issue of the year is devoted to the general subject of optical computing. In his guest editorial on the facing page, Nasser Peyghambarian reviews the contents of the nine papers included.

The February special issue, with Solomon Musikant as Guest Editor, is directed at optical materials, a subject of extreme importance to the optical engineering community. Then in March, Eustace Dereniak serves as the Guest Editor for a special issue on charge transfer devices, with emphasis on the infrared region of the optical spectrum.

Optical microlithography is the special topic of the April issue, with Joseph P. Kirk as Guest Editor, and for May, Uzi Efron is putting together a special issue covering systems, materials, and devices for optical information processing. The first half of the year will be rounded out with the June issue, which will be devoted entirely to contributed papers.

For July, T. Russell Hsing will serve as Guest Editor for a special issue that will address visual communications and image processing. Following this, there will be two special issues on charge-coupled devices—August will be related to theory and September to applications. These two issues, for which James Janesick will act as Guest Editor, will be devoted primarily to the visible region of the spectrum.

As the current issue goes to press, I am still in the process of lining up the October and November special issues, but it looks like one of them will likely be devoted to optomechanical engineering. With this array of interesting topics and hard-working guest editors, along with the dedicated authors of all the invited and contributed papers that will appear, I believe that 1987 will be a very successful year for *Optical Engineering*.

OPTICAL ENGINEERING EDITORIAL SCHEDULE

February 1987

Optical Materials

Solomon Musikant
General Electric Company
Space Systems Div., Rm. U3027
Valley Forge Space Center
P.O. Box 8555
Philadelphia, PA 19101 215/354-3020

March 1987

Charge Transfer Devices

Eustace Dereniak
Optical Sciences Center
University of Arizona
Tucson, AZ 85721 602/621-1019

April 1987

Optical Microlithography

Joseph P. Kirk
IBM East Fishkill-Z40A
Route 52
Hopewell Junction, NY 12533 914/894-4911

May 1987

Optical Information Processing: Systems, Materials, and Devices

Uzi Efron
Hughes Research Laboratories
MS RL69
3011 Malibu Canyon Road
Malibu, CA 90265 213/317-5214

June 1987

Contributed papers on optical engineering

July 1987

Visual Communications and Image Processing

T. Russell Hsing
Bell Communications Research
Room 2L-181
435 South Street
Morristown, NJ 07960-1961 201/829-4950

August 1987

Charge-Coupled Devices: Theory

James R. Janesick
Jet Propulsion Laboratory
California Institute of Technology
4800 Oak Grove Drive
Pasadena, CA 91109 818/354-7734

September 1987

Charge-Coupled Devices: Applications

James R. Janesick
(See August 1987 for address)