



Editorial

Jack D. Gaskill, Editor

In Memoriam

At 10:30 a.m. EST on January 28, 1986, 73 seconds after liftoff from its Cape Canaveral launch pad, the space shuttle *Challenger* was destroyed by a catastrophic explosion and the seven crew members aboard were killed. I wish to dedicate this editorial to the memory of her crew:

- Francis R. Scobee — Shuttle Commander
- Michael J. Smith — Shuttle Pilot
- Ronald E. McNair — Mission Specialist
- Ellison S. Onizuka — Mission Specialist
- Judith A. Resnik — Mission Specialist
- Gregory B. Jarvis — Payload Specialist
- Christa McAuliffe — Space Flight Participant.

I believe that I am speaking for all the officers, governors, members, and staff of SPIE in expressing our heartfelt sorrow to the families and friends of these seven dedicated space pioneers. I also trust that I am speaking for all of us in SPIE in encouraging the United States to press ahead with its space program and to ensure that the *Challenger's* crew did not give their lives in vain.

**OPTICAL ENGINEERING
EDITORIAL SCHEDULE**

April 1986

Contributed papers on optical engineering

May and June 1986

Speckle I and II

Henri H. Arsenault Université Laval Lab. de recherches en optique et laser Département de physique Ste-Foy, Quebec G1K 7P4 Canada 418/656-2650	Joseph W. Goodman Stanford University Dept. of Electrical Engineering Durand Bldg. 127 Stanford, CA 94305 415/497-3304
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July 1986

Optics for the Space Station

Henry Lum
Information Sciences, Code SI
Mail Stop 244-7
NASA Ames Research Center
Moffett Field, CA 94035 415/694-6544

August 1986

X-Ray Optics

Gerald F. Marshall
Ovonic Synthetic Materials Co.
Division of Energy Conversion Devices, Inc.
1788 Northwood Dr.
Troy, MI 48084 313/362-1290

September 1986

Large Optics Technology

Gregory M. Sanger
United Technologies Research Center
Optics and Applied Technologies Laboratories
P.O. Drawer 4181
West Palm Beach, FL 33402 305/863-4155

October 1986

Optical Interconnections

Lynn D. Hutcheson
Honeywell Inc.
10701 Lyndale Ave. South
Bloomington, MN 55420 612/887-4052

November 1986

Automation and Robotics for the Space Station

Henry Lum
Information Sciences, Code SI
Mail Stop 244-7
NASA Ames Research Center
Moffett Field, CA 94035 415/694-6544

December 1986

Contributed papers on optical engineering

January 1987

**Optical Computing and Nonlinear
Optical Signal Processing**

Nasser Peyghambarian
Optical Sciences Center
University of Arizona
Tucson, AZ 85721 602/621-4649