



### Scholarly Publishing

I had the pleasure of participating in a conference recently on "The Politics and Processes of Scholarly Publishing" held at the University of South Florida's St. Petersburg campus, March 12–14, 1994. The attendees were from a wide variety of disciplines and the speakers and panelists reflected that diversity. For my part, I gave a plenary address on Sunday evening entitled "University Presses, Society Journals and Commercial Books: Ethics and Infrastructure." I also participated in a panel discussion on Saturday morning on "The Role of the Scholarly Editor: Managing the Academic Conversation."

The conference proved very interesting to me since I was able to get some insight into those problems that are common to all disciplines and understand those that appear to be discipline dependent mainly because of the history and traditions of these disciplines. I was surprised, for example, to hear of journals that require the "copyright transfer agreement" to be signed when the article is submitted, otherwise the editor believed he could not send the material out for review. There were several discussions about multiple submissions. In the scientific and engineering fields, it is usual to expect that a submission to a journal is exclusively to that journal. Many journals actually ask the authors to certify that the manuscript they are submitting contains new material not previously published or submitted elsewhere for simultaneous consideration. Other editors said that they would feel quite comfortable with multiple submissions if the authors stated that when they submitted their work for consideration. Some of the younger scholars present, and particularly those in the humanities, felt that it was a real hindrance to their programs as scholars to have to be constrained to go through a process of sequential rather than simultaneous submissions. Clearly, the point of view is very much determined by how long it takes for the review process. If the date of submission to date of decision is short enough (a few months) then sequential

submission is not a big issue. If that time period is a year or more, then it really is a serious problem. So editors must get material out for review as quickly as possible and then press the reviewers to get their analyses and recommendations back as soon as possible. I always try to remind reviewers that they are authors too, and hope that they will process the paper as expeditiously as they would like to see their own submissions processed.

As the reader might imagine, there was a special session on "Electronic Texts and Journals" as well as considerable discussion throughout the conference on this important, but difficult, topic. I conclude that this is still a great topic for discussion, but the directions are still unclear with lots of experiments going on. One journal was making accepted papers available in electronic form until they were published. One conclusion that concerned me was that with electronic publishing there would be no need to restrict the length of any paper! That should produce some great writing and clutter up the record. I also learned a new word—"computeracy"—as compared to and parallel to "literacy"!!

In this short editorial I cannot cover all the fascinating aspects and topics of the conference but here are some that followed Robert Boice's excellent keynote address on "Programs that Enhance Writing and Teaching": defining and assessing scholarship; the academic journal as academic community; faculty development; computers and scholarship; publishing strategies; gender issues; creating and maintaining academic journals; mentor-student opportunities; ensuring quality, etc.

I thank Joseph Moxley and Lagretta Lenker for organizing this conference and for the hospitality extended by the University of South Florida. As a side benefit instead of having lunch on Sunday, I was able to spend some time at the Salvador Dali Museum which is adjacent to the St. Petersburg campus. As the brochure states, "The collection is unrivaled in scope and complexity." The complexity was wonderfully explained to

the visitors by an outstanding docent (take a bow if you were the docent on duty at 12:15 on Sunday, March 13). Part of the collection is currently in London at a Dali exhibition so if you *have* to be in London . . . .

### **Electronic Submissions**

In response to a number of requests, we will be adding the following section to our "Information for Contributors" that appears in each issue of *Optical Engineering*.

*Electronic Submissions:* Authors are encouraged to submit FINAL VERSIONS of their electronic manuscripts in the form of disks along with a printed hardcopy. (For the review process, hardcopy versions of the manuscripts are required.) Disks may be in any of the following formats: WordPerfect, Microsoft Word, TeX, or REVTeX. Please save an ASCII version of the file to disk also.

Figures must be submitted as camera-ready hardcopy. Encapsulated Postscript (EPS), Tagged Image File Format (TIFF), or Word or WordPerfect images on disk will be accepted but not necessarily used. Please contact the Office of the Managing Editor for details.

*FTP Storage of Illustrations:* In addition to publication in the journal, if the author so desires, we will post figures on SPIE's anonymous FTP site for three months after date of issue. We encourage this in cases for which access to the original data would aid the reader's understanding of the paper content. Please contact the Office of the Managing Editor for details.

### **Editor's Anecdotes**

I usually follow up with authors about the revised manuscripts. Here is one reply:

I am pleased to accept the direction suggested by the reviewers about revising my paper. . . . I am revising my paper hardly according to the requests of "Information for Contributors" and the reviewers.

I received a submission that had been sent to Dr. H. J. Caulfield, Editor, Optical Engineering, Aerodyne Research, Inc. John, even though you haven't been at Aerodyne for a dozen years, you are still the editor to some of our colleagues!

**Brian J. Thompson**  
Editor

# Optical Engineering Editorial Schedule

*June 1994*

## **Optical Science & Engineering in India**

Rajpal S. Sirohi  
Indian Institute of Technology  
Applied Optics Laboratory  
Physics Department  
Madras-600 036, India  
044-2351365 ext. 221 • 044-2350509 FAX

## **Optical Pattern Recognition**

Joseph L. Horner  
Rome Laboratory  
EROP  
Hanscom AFB, MA 01731-5000  
617/377-3841 • 617/377-5041 FAX

Bahram Javidi  
University of Connecticut  
School of Engineering  
Department of Electrical and Systems  
Engineering  
Room 312, U-157  
260 Glenbrook Road  
Storrs, CT 06269-3157  
203/486-4816 • 203/486-3789 FAX

*July 1994*

## **Adaptive Wavelet Transforms**

Harold H. Szu  
U.S. Navy  
Naval Surface Warfare Center  
Code R44  
10901 New Hampshire Avenue  
Silver Springs, MD 20903-5000  
301/394-3097 • 301/394-3923 FAX

*August 1994*

## **Digital Image Recovery and Synthesis**

Paul S. Idell  
Rockwell International  
Rocketdyne Division  
MS SS46  
P.O. Box 7922  
Canoga Park, CA 91309-7922  
818/586-8238 • 818/586-5295 FAX  
E-mail: pidell@windance.rdyne.rockwell.com

*September 1994*

## **Optics in South Africa**

Hannes Markusse  
ELOPTRO  
Institute of Atomic Physics  
P.O. Box 869  
Kempton Park 1620, South Africa  
Maurice W. McDowell  
CSIR/Production Technology Div.  
Productiontek  
P.O. Box 395  
Pretoria 0001, South Africa  
27 12 841 3418 • 27 12 841 2131 FAX

*October 1994*

## **Optics in Russia**

V. Ya. Panchenko  
Scientific Research Center for Technological  
Lasers  
Russia Academy of Sciences  
B-333, Gubkina, 3  
117971 Moscow, Russia  
E-mail: ilc@compnet.npimsu.msk.su  
(095)135-54-30 • (095)334-02-01 FAX

*November 1994*

## **Micro-Optics**

Chandrasekhar Roychoudhuri  
University of Connecticut at Storrs  
Photonics Research Center  
MS-157, Room 312  
260 Glenbrook Road  
Storrs, CT 06269-3157  
203/486-4816 • 203/486-3789 FAX

*December 1994*

## **Optics in Ireland**

John Hegarty  
C. D. Hussey  
University of Dublin  
Trinity College  
Department of Pure and Applied Physics  
Dublin 2, Ireland  
+353-1-7022019 • +353-1-711759 FAX

*January 1995*

## **X-Ray/EUV Optics**

Richard B. Hoover  
NASA Marshall Space Flight Center  
ES52 Space Science Center  
Huntsville, AL 35812-0001  
E-mail: hoover@ssl.msfc.nasa.gov  
205/544-7617 • 205/544-5856 FAX  
*Manuscripts due June 1, 1994.*

*February 1995*

## **High Heat Flux Optical Engineering**

Ali M. Khounsary  
Argonne National Laboratory  
Advanced Photon Source, APS 362  
Argonne, IL 60439  
708/252-3384 • 708/252-3222 FAX  
*Manuscripts due July 1, 1994.*

*March 1995*

## **Optical Engineering in Ophthalmology**

Suganda Jutamulia  
Kowa Company, Ltd.  
Silicon Valley Office  
100 Homeland Court, Suite 302  
San Jose, CA 95112  
408/441-9300 • 408/441-0537 FAX  
Toshimitsu Asakura  
Hokkaido University  
Research Institute for Electronic Science  
Sapporo, 060 Japan  
81-11-716-2111 • 81-11-758-3173 FAX  
*Manuscripts due Aug. 1, 1994.*

*April 1995*

## **Optics in the Ukraine**

Oleg V. Angelsky  
Chernovtsy University  
Department of Correlation Optics  
2 Kosyubinsky Street  
274012 Chernovtsy  
Ukraine  
(03722) 44730 • (03722) 41314 FAX  
*Manuscripts due Aug. 15, 1994*

*July 1995*

## **Optics in Switzerland**

P. K. Rastogi  
Swiss Federal Institute of Technology-Lausanne  
Laboratory of Stress Analysis  
CH-1015 Lausanne  
Switzerland  
E-mail: rastogi@elgc.epfl.ch  
(021) 693 24 45 • (021) 693 47 48 FAX  
*Manuscripts due Nov. 15, 1994*

*September 1995*

## **Optical Science & Engineering in Finland**

Seppo Honkanen  
Nokia Research Center  
P.O. Box 45  
FIN-00211 Helsinki  
Finland  
+358 0 437 6470 • +358 0 455 2557 FAX  
*Manuscripts due Jan. 15, 1995*

*November 1995*

## **Optical Remote Sensing and Image Processing**

Mohammad A. Karim  
Bradley D. Duncan  
University of Dayton  
Center for Electro-Optics  
300 College Park  
Dayton, OH 45469-0227  
513/229-2241 • 513/229-3177  
513/229-2471 FAX  
*Manuscripts due April 1, 1995*

*December 1995*

## **Optics in Polymer Science and Technology**

Maksymilian Pluta  
Institute of Applied Optics  
Kamionkowska 18  
03-805 Warsaw, Poland  
(4822) 184405 • (4822) 133265 FAX  
Andrzej Wasiak  
Institute of Fundamental Technological  
Research  
Polish Academy of Sciences  
Savietokrzyska 21  
00-012 Warsaw, Poland  
(4822) 269815 FAX  
*Manuscripts due April 1, 1995.*