

Fourth International Conference
Optical Holography and its Applications
26-28 June 2003, Kiev, Ukraine
Final Announcement-Abstracts Due 1 April, 2003

SPIE-The International Society for Optical Engineering
Ukrainian Chapter

Conference Chair: Vladimir Markov, *MetroLaser Inc. USA*,
Co-Chairs: James Trolinger, *MetroLaser Inc. USA* and Sergey Kostyukevych, *Institute of Semiconductor Physics*

The Conference is organized by the Ukrainian Chapter of SPIE and OSA, Institute of Applied Optics, Institute of Semiconductor Physics and Institute of Physics of the National Academy of Sciences of Ukraine (Kiev) under the auspices of the Ministry of Education and Science of Ukraine and National Academy of Science of Ukraine. The conference is supported by SPIE/UKRAINE. The present conference is the fourth meeting on this topic organized in Kiev. Previous meetings were held in Kiev in 1989 (The International UNESCO Seminar "Three-Dimensional Holography: Science, Culture, Education), 1997, 1999 and 2000 (International conference Optical Holography and its Applications), and their reports were published in SPIE Proceedings (volume 1238 and 3486) and The Journal of Semiconductor Physics, Quantum Electronics and Optoelectronics.

Optical holography is emerging from research laboratories to find broader and more effective applications in many different areas of human activity, including engineering, science, medicine, and art. This conference will focus on recent advances in the practical application of holography, especially in such areas as real-time and digital holography and associated non-linear recording materials.

The topics of particular interest include:

- Fundamentals and Methods
 - New theory
 - Basic experiments
 - Materials and their properties
 - Coherent and incoherent optical effects in holography (multi-beam interaction, beam coupling and combining, coherent scattering)
- Applications
 - Engineering, Science, Medicine, Art and Culture
 - Diagnostics and testing
 - Data storage
 - Image processing
 - Optical security

GENERAL INFORMATION

Location: The Conference will be held in the beautiful city and capital of Ukraine, Kiev, which is an important center of scientific research and higher education in Ukraine. More than ten museums, many art galleries and theaters testify to Kiev's flourishing cultural life. With its many historical buildings, monuments, sculptures, and churches Kiev is an exciting place to visit.

Language: The official language of the Conference is English.

Registration and Accommodation: The Registration Fees for participants and accompanying persons are US \$ 350 and US \$ 50, respectively. It can be paid at the time of registration. The Fee includes: -participation in all scientific sessions at the Conference; - all printed materials of the Conference, including the receiving the Proceedings (after their publishing); -lunches during the Conference; - coffee-breaks at sessions; -transport and accommodation services; main excursion program, and a banquet.

The cost of hotel accommodations is not included in the registration fee. Attendees will be assisted in making hotel reservations in recommended hotels.

Transportation: Attendees should make their own travel arrangement to/from Ukraine. The Organizing Committee will provide transportation for the participants from the Kiev airport "Borispol" or the Kiev Central railway station.

Facilities: Session rooms will be equipped with a slide and overhead projectors. Fax, E-mail and Copy machines will be available. A participant can receive messages at: Fax: +380 (44) 2655430; E-mail: sekret@spie.org.ua.

Visas: In general, both a valid passport and Ukrainian visa are required for entry into Ukraine, however, citizens of the countries having a special agreement with Ukraine do not need visas. A visa may be obtained at a Ukrainian Embassy or Consulate.

Social Programs: Excursions to historical, cultural sites of Kiev and sightseeing are planned. A banquet is planned for the last night. Organizing Committee can also help to arrange an individual scientific or tourist program for participants around Ukraine. The participants are welcome to inform in advance Organizing Committee about their travel plans.

SUBMISSION OF ABSTRACTS (ABSTRACT DUE DATE: April 1, 2003.)

Your abstract should include the following:

1. ABSTRACT TITLE
2. AUTHOR LISTING (principal author first), Full names and affiliations.
3. CORRESPONDENCE FOR EACH AUTHOR Mailing address, phone, fax, e-mail address.
4. SUBMIT TO: (Conference Topic) (choose one):
5. PRESENTATION Indicate your preference for <Oral Presentation> or <Poster Presentation.>
6. ABSTRACT TEXT 500 words.
7. BRIEF BIOGRAPHY (principal author only) 50 to 100 words.

To be considered for acceptance, you may either send abstract via electronic mail to: holoapl@isp.kiev.ua, or mail four copies to The Organizing Committee at the following address:

SPIE/UKRAINE, 45, Prospect Nauki, Kiev, 03028. UKRAINE

CONDITIONS OF ACCEPTANCE

Authors are expected to secure travel and accommodation funding, independent of SPIE, through their sponsoring organizations before submitting abstracts. Applicants will be notified of acceptance by **April 15, 2003**

International Advisory and Program Committee:

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