



First Announcement

International Conference on Organic Nonlinear Optics (ICONO10)

International Conference on Organic Photonics and Electronics 2008 (ICOPE2008)

May 18-23, 2008
Santa Fe, New Mexico
La Fonda Hotel

www.icono10.org

Main Topics

- $\chi^{(2)}$ electro-optic materials and devices
- $\chi^{(3)}$ materials and devices
- Organic electroluminescent materials, processes and devices
- Photorefractive materials and processes
- Biophotonics
- Multiphoton processes
- Charge transport in organic materials
- Organic field effect transistors and devices
- Single molecule spectroscopy
- Organic lasers
- Polymer optical fibers
- Optical limiting materials
- Nanophotonics/photonic crystals
- Meta-materials
- Sensors
- Magnetic effects
- Terahertz generation and detection
- Photovoltaics and photodetectors

Organizers / Contact

Dr. Kenneth Singer
Case Western Reserve University
Department of Physics
Cleveland, OH 44106
kenneth.singer@case.edu
216 368 4017

Dr. Robert Twieg
Kent State University
Department of Chemistry
Kent, OH 44242
rtwieg@ci.kent.edu
330 672 2791

Active organic materials are realizing a growing impact on photonic and electronic technology. Already, active organic materials have made a significant impact in liquid crystal displays and printing technology. Worldwide research is now spinning out new technologies gaining wide acceptance in telecommunications, display, and other information industries. Future developments hold promise for green energy production and efficiency with applications, for example, in lighting and solar energy.

The International conference on Organic Nonlinear Optics series (ICONO) has been an important forum for the exchange of ideas related to this very active area of research. The informal nature of the conference provides an especially fertile milieu for new ideas and collaboration. This 10th conference since 1994 is a milestone of success.

ICONO 10/ICOPE 2008 will focus on forefront results pertaining to novel materials, techniques and devices. The scope of the conference will be on organic and polymeric materials for photonic and electronic devices. Emerging areas including magnetism, metamaterials, and photonic crystals will be highlighted.

The format of the conference encourages interactions among world-renowned scientists and young researchers. The schedule and site will provide ample opportunities for wide-ranging discussions.

Scientific Committees

• International Advisory Committee •

W. Blau • Ireland
J.-L. Brédas • USA
X.-M. Duan • China
M. Eich • Germany
S. Ermer • USA
P. Günter • Switzerland
W. Herman • USA
A. Jen • USA
Z. Kafafi • USA
H. Katz • USA
B. Kippelen • USA
K.-S. Lee • Korea
G. Malliaras • USA
J.-M. Nunzi • Canada
A. Persoons • Belgium
E. Van Stryland • USA
T. Verbiest • Belgium
T. Wada • Japan
J. Zyss • France

• International Chairs •

Europe : Francois Kajzar
America : Mark Kuzyk
Pacific : Toshikuni Kaino

• Local Organizing Committee •

Larry Dalton
Seth Marder
Nasser Peyghambarian