



Wednesday Evening, May 18, 1988

6:00 p.m. POSTER SESSION
Wine & Cheese

8:00 p.m. BANQUET

Thursday Morning, May 19, 1988

8:30-9:20 "*Advances in Organic Electro-Optic Devices*" by
R.S. Lytel (Lockheed Research and Develop-
ment)

9:20-10:10 "*Organic Nonlinear Optical Devices and Mater-
ial Considerations*" by B.K. Nayar (British Tele-
com Research Laboratories, U.K.)

10:10-10:40 **Break**

10:40-11:30 "*Towards Nonlinear Optical Applications of
Polydiacetylenes*" by M. Thakur (AT&T)

11:30-12:20 "*High Resolution Laser Spectroscopy in Poly-
mers*" by D. Haarer (Universitat Bayreuth,
West Germany)

12:20 "*Closing Remarks*" by K.J. Wynne (Office of Naval
Research)

A Topical Workshop
**ORGANIC AND POLYMERIC
NONLINEAR OPTICAL MATERIALS**

sponsored by

**The Division of Polymer Chemistry
AMERICAN CHEMICAL SOCIETY**

May 16-19, 1988
Virginia Beach, VA

Co-Chairmen

Diane Gerbi

Sukant Tripathy

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	Monday Evening, May 16, 1988	3:40-4:30	<i>"Several Series of Novel Polydiacetylenes for Nonlinear Optics"</i> by H. Nakanishi (Research Institute for Polymers and Textiles, Japan)
3:00-9:00 p.m.	REGISTRATION		
6:30-9:30 p.m.	WELCOMING RECEPTION	4:30-5:20	<i>"Resonance Effects in Cubic Hyperpolarisabilities of Conjugated Polymers"</i> , by F. Kajzar (CEN Saclay, France)
	PROGRAM:		
	Tuesday Morning, May 17, 1988		
8:15 A.M.	Opening Remarks	8:30-9:20	<i>"Nonlinear Optical Measurements on Liquid Crystals and Quasi-Liquid Crystals"</i> by Y.R. Shen (University of California at Berkeley)
8:20-9:10	<i>"An Overview on Nonlinear Optical Polymer Systems and Devices"</i> by D.R. Ulrich (Air Force Office of Scientific Research)	9:20-10:10	<i>"Nonlinear Optical Effects in Conjugated Systems"</i> by D. J. Gerbi (3M Co.)
9:10-10:00	<i>"Nonlinear Optical Effects in Polymeric Films"</i> by P.N. Prasad (State University of New York at Buffalo)	10:10-10:40	Break
10:00-10:30	Break	10:40-11:30	<i>"Optical Nonlinearity: Molecules, Assemblies and Wave Phenomena"</i> by G. R. Meredith (E.I. DuPont DeNemours and Co.)
10:30-11:20	<i>"Recent Advances in Nonlinear Optical Properties of Organic and Polymer Systems"</i> by A.F. Garito (University of Pennsylvania)	10:30-12:20	<i>"Characterization of Polymeric Nonlinear Optical Materials"</i> by G. Khanarian (Hoechst-Cel-anese)
11:20-12:10	<i>"Conjugated Polymers and Nonlinear Optics"</i> by S. Estemad (Bell Communications)		LUNCH
	Lunch		Wednesday Afternoon, May 18, 1988
	Tuesday Afternoon, May 17, 1988	1:30-2:20	<i>"Preparation and Characterization of Organo-Transition Metal Langmuir-Blodgett Films"</i> by T. Richardson (University of Oxford, U.K.)
1:30-2:20	<i>"Anisotropy of the Third Order Nonlinear Optical Susceptibility in Conjugated Polymers"</i> by A.J. Heeger (University of California at Santa Barbara)	2:20-3:10	<i>"Optical Properties of Organized Assemblies"</i> by S.K. Tripathy (University of Lowell)
2:20-3:10	<i>"Nonlinear Optics in Ordered Molecular Systems"</i> by K.D. Singer (AT&T)	3:10-3:40	Break
3:10-3:40	Break	3:40-4:30	<i>"The Nonlinear Optics of Langmuir-Blodgett Films"</i> by I. Peterson (GEC Research, Ltd., Great Britain)