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## Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics

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### Editorial

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## Editorial

This issue is our first containing a section dealing exclusively with *Nonlinear Optics*. This section will appear periodically, and contain original and timely research papers in the fields of nonlinear optics and electrooptics. Emphasis will center on organic and polymer systems, since it is now well established that such systems exhibit unusually large, ultrafast second and third order nonlinear optical properties in a wide variety of structures that can be phase and state dependent.

Of major interest to this new section is the fundamental understanding of the origin and mechanism of nonlinear optical and electrooptical processes. Such understanding is important to the basic disciplines of physics, chemistry, and materials science and to optical device development activities. The journal thus recognizes the multidisciplinary nature of the field and looks forward to publishing original manuscripts addressing fundamental issues, new nonlinear optical and electrooptical materials, and novel device implementation.

We hope that active workers in the field will find *MCLC Incorporating Nonlinear Optics* to be the appropriate medium for publishing their work, and urge your contributions to this new endeavor. Manuscripts may be submitted to any of our Regional Editors listed on the inside front cover or directly to Dr. Garito. We welcome your comments and suggestions.

A. F. Garito  
Editor, *Nonlinear Optics*

M. M. Labes  
Editor-in-Chief