


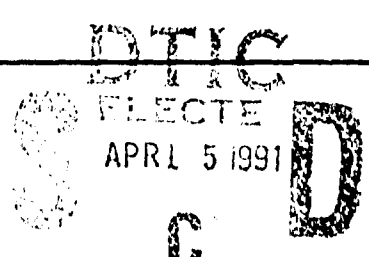
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FINAL REPORT
ONR Contract N00014-90-J-1278 (1989-1990)

**Project Title: SYMPOSIUM E - PROPERTIES OF II-VI SEMICONDUCTORS:
Bulk Crystals, Epitaxial Films, Quantum Well Structures**

Summary

The 1989 Fall Meeting of the Materials Research Society was held November 27 - December 2, 1989 in Boston, Massachusetts. The focus of Symposium E dealt with recent developments in II-VI semiconductors. The meeting covered a wide variety of topics including synthesis of II-VI materials (bulk crystals, thin films, and layered structures), properties studies (electrical, optical, photoelectric, structural, mechanical), defects (theory and measurement), controlled substitutional doping, and applications of II-VI semiconductors.

The II-VI compound semiconductors possess characteristics which, as a group, are unique. Among the most active areas of investigation in these materials today are blue light emitters based on ZnSe, infrared detectors based on mercury-containing compounds such as HgCdTe, and the properties of dilute magnetic semiconductors.

Symposium E was a huge success, the meetings were attended by 250 researchers from across the globe, nearly 100 papers were orally presented. There were eighteen invited speakers. The funds from this grant were used to subsidize the invited speakers for travel and registration.

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INVITED SPEAKERS

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Thousand Oaks, CA

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Massachusetts Institute of Technology
Cambridge, MA

Dr. J. Depuydt
3M Corporation
St. Paul, MN

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Professor S. Ghandhi
Rensselaer Polytechnic Institute
Troy, NY

Professor N. C. Giles
West Virginia University
Morgantown, WV

Dr. C. A. Hoffman
Naval Research Laboratory
Washington, DC

Professor Makoto Konagai
Tokyo Institute of Technology
O-Okayama, Miguro-Ku, Japan

Professor Hiroshi Kukimoto
Tokyo Institute of Technology
Midori-Ku, Yokohama, Japan

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Laboratoire de Physique des Solides de Bellevue
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