

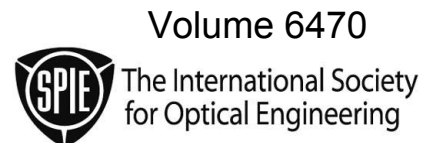
PROCEEDINGS OF SPIE

Organic Photonic Materials and Devices IX

James G. Grote
Francois Kajzar
Nakjoong Kim
Chairs/Editors

21–24 January 2007
San Jose, California, USA

Sponsored and Published by
SPIE—The International Society for Optical Engineering



Proceedings of SPIE—The International Society for Optical Engineering, 9780819465832, v. 6470

SPIE is an international technical society dedicated to advancing engineering and scientific applications of optical, photonic, imaging, electronic, and optoelectronic technologies.

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Author(s), "Title of Paper," in *Organic Photonic Materials and Devices IX*, edited by James G. Grote, Francois Kajzar, Nakjoong Kim, Proceedings of SPIE Vol. 6470 (SPIE, Bellingham, WA, 2007) Article CID Number.

ISSN 0277-786X
ISBN 9780819465832

Published by
SPIE—The International Society for Optical Engineering
P.O. Box 10, Bellingham, Washington 98227-0010 USA
Telephone 1 360/676-3290 (Pacific Time) · Fax 1 360/647-1445
<http://www.spie.org>

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Printed in the United States of America.

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Introduction

The present proceedings contains selected papers presented at Conference 6470, Organic Photonic Materials and Devices IX, a part of the SPIE Photonics West Optoelectronics Symposium 2007. The conference lasted for four days, with oral presentations on 21–23 of January 2007 and the poster presentations on the 24th. In total, 3 keynote lectures, 20 invited talks, 15 oral contributions, and four posters were presented. The oral presentations were organized into three sessions: Biophotonics, Nonlinear Optics, and Photovoltaics and Light Emitting Diodes. Excellent introductions into the presented topics were done by three keynote lectures:

- Nonlinear optics for nanophotonics and biophotonics (Prof. P. N. Prasad, University of Buffalo, USA)
- Polymers with unprecedented NLO response (Prof. N. N. Peyghambarian, College of Optical Science, Univ. of Arizona, USA)
- Photonics polymers for fiber-to-the-display (Prof. Y. Koike, Keio University, Japan)

These keynote lectures, as well as the invited presentations, allowed the introduction of the state-of-the-art technologies in the field of organic nonlinear optics. The shorter oral contributions and poster presentations presented the latest developments in this field. The worldwide participation in the symposium, with participants from the USA, Europe, and Asia, as well as the discussions which followed the presentations and during the coffee breaks, demonstrates the importance and usefulness of these meetings for the scientific community. The conference will be organized again in 2007 as part of Photonics West SPIE Symposium.

James G. Grote
Francois Kajzar
Nakjoon Kim

