

# PROCEEDINGS OF SPIE

## ***Optics and Photonics for Information Processing***

**Abdul A. S. Awwal**  
**Khan M. Iftekharuddin**  
**Bahram Javidi**  
*Editors*

**28–30 August 2007**  
**San Diego, California, USA**

Sponsored and Published by  
SPIE

**Volume 6695**

Proceedings of SPIE, 0277-786X, v. 6695

SPIE is an international society advancing an interdisciplinary approach to the science and application of light.

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Author(s), "Title of Paper," in *Optics and Photonics for Information Processing*, edited by Abdul A. S. Awwal, Khan M. Iftekharuddin, Bahram Javidi, Proceedings of SPIE Vol. 6695 (SPIE, Bellingham, WA, 2007) Article CID Number.

ISSN 0277-786X  
ISBN 9780819468437

Published by  
**SPIE**  
P.O. Box 10, Bellingham, Washington 98227-0010 USA  
Telephone +1 360 676 3290 (Pacific Time) · Fax +1 360 647 1445  
SPIE.org

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Printed in the United States of America.

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