

PREFACE

Nonlinear optical physics has been to optical engineers and scientists a very interesting subject, especially, when the nonlinear behaviors of light in optical devices generate benefits in some cases. This book is entitled '**Photonics and Nanotechnology**', where the papers were selected by the International Conference on Photonics and Nanotechnology (ICPN) committees during the conference in the year 2007, which was held in Pattaya, Thailand, from December 16–18, 2007. The conference was organized by the Department of Applied Physics, Faculty of Science, King Mongkut's Institute of Technology Ladkrabang (KMITL), Thailand. Twelve papers out of sixty were selected, and the extended versions were slightly different from the conference versions. All papers concern optical devices and materials, especially, the nonlinear behaviors and their benefits. The conference was partially supported by the Department of Applied Physics, Faculty of Science, KMITL, Optical Society of America (OSA), The Institute of Optical Engineering Society (SPIE), IEEE-LEOS (Thailand), National Electronics and Computer Technology Center (NECTEC), Thailand and Ch. Karnchang (Thailand). There were some keynote and invited talks involved from the United States of America, Europe and Japan. Professor **Yupapin** from KMITL was the general chair of the conference. He had pushed a lot of effort and contributions to make the conference a success. Finally, we expect that the proceedings volume will be useful to the optical researchers and society.

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