

International Workshop and Conference on Photonics and Nanotechnology

Between 16 -18 December 2007

Pattaya, Thailand



ICPN 2007

Conference Objectives:

The Photonics and Nanotechnology Conference is intended to provide an international forum for the presentation and the discussion of significant progress of research, development and applications of photonics and nanotechnology. The conference will also offer tutorials and other relevant events, and will particularly give opportunities to have interaction among participants from the ongoing Asian, Pacific and Oceania areas. The conference represents the primary international forum for exchange of ideas and experiences to industry, and government agencies will be actively solicited. Because of the continued growth of this field, special emphasis will be placed on approaches to encourage the next-generation technicians, engineers and scientists.

Scope: Topics covered by the conference include the following:

- Optical Communication and Networks
- Quantum Optics
- Optical Sensors
- Spintronics
- NEMS
- Nanoelectronics
- Nanomaterials
- Nanophotonics
- Nanofabrication
- Nano-optics
- Optical and Quantum Metrology
- Optical Devices and Components
- Optical Network Design
- Environmental Optics
- Other related areas

Official Language:

The official language of the conference will be English, which will be used for all printed materials, presentations, and discussion.

Location:

The conference site will be in Pattaya, Thailand, which is very convenient from Suvarnabhumi international airport.

Submission of Papers: Paper submission page will be opened in **April 2007 on the Website ; <http://www.arcp.th.gs>**

Full papers: 4-6 pages will be due on **31 August 2007.**

All accepted papers will be published in the SPIE Proceeding which will be citation by SPIE digital library. The authors can also submit to SPIE Journals which is based on conference papers. 45 and 90 minutes of plenary and tutorial session are also welcome to submit with deadline will be **on 30 September 2007 respectively.**

Further Information: Contact Preecha Yupapin, e-mail: kypreech@kmitl.ac.th

Keynote Talk Topics:

- Frontier research in
- Spintronics
- Quantum Metrology

Workshop and Tutorials:

- Environmental Optics
- Organic Semiconductor Devices
- Quantum Cryptography

General Chair: Preecha Yupapin

General Co-chair: Wicharn Techithdeera

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Organized by:

- Department of Applied Physics, Faculty of Science, KMITL, Thailand
- Nanotechnology Research Center, Faculty of Science, KMITL, Thailand
- Advanced Research Center for Photonics, Faculty of Science, KMITL, Thailand

Co-sponsored:

OSA, SPIE and IEEE-LEOS-Thailand