In last six months, SPIE National Taiwan University (NTU) student chapter have co-organized fourteen activities with National Science Council of Taiwan, Optical Engineering Society of R.O.C., Ministry of Economic Affairs of Taiwan and NTU. Nineteen invited speakers from Japan (3), USA (2), Singapore (1), Australia (1), Germany (1), United Kingdom (3), Hong Kong (1) and Taiwan (7) were invited to present their talks at NTU. Many students and professors of NTU or nearby universities attended these activities and talks. Audiences and participants of these talks are ranged from 30 to 100.

List of talks and photos:

Date: 2006/07/17
Speaker: Dr. Xiaodi Tan (Technology Division, OPTWARE Corporation, Japan)
Title: Holographic Information Storage Technologies
Photos of activity:

Date: 2006/07/19
Speaker: Dr. Jian Ming Li (Data Storage Institute (DSI), Singapore)
Title: Integrated Design and Analysis of Optical Media
Photos of activity:
**Date:** 2006/07/19  
**Speaker:** Prof. How-Fu Chen (National Yang-Ming University, Taiwan)  
**Title:** Holographic Information Storage Technologies

**Photos of activity:**

**Date:** 2006/08/07  
**Speaker:** Prof. Jia-Han Li (National Taiwan University, Taiwan)  
**Title:** Waveguide Cavity Metallic Nano Structures

**Photos of activity:**

**Date:** 2006/08/07  
**Speaker:** Dr. Ben Wood (Imperial College London, United Kingdom)  
**Title:** Directed Sub-wavelength Imaging with a Layered Metal-dielectric System

**Photos of activity:**
**Date:** 2006/08/31  
**Speaker:** Dr. Takeshi Maeda (Hitachi Company, Japan)  
Dr. Takuo Tanaka (Riken, Japan)  
Dr. Isao Sato (Representative of I&H Consulting Company, Japan)  
Dr. Takeo Ohta (Ovoni Phase Change Institute, Japan)  
**Title:** Advanced Optical Storage Workshop  
**Photos of activity:**

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**Date:** 2006/10/05  
**Speaker:** Prof. Satoshi Kawata (Nanophotonic Lab, RIKEN, Japan)  
**Title:** Near Field and Raman Microscopy for Molecular and Cellular Biomedical Sciences  
**Photos of activity:**

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**Date:** 2006/10/23  
**Speaker:** Prof. Peter Torok (Imperial College London, UK)  
**Title:** High Density Optical Data Storage by Multiplexing  
**Photos of activity:**
**Date:** 2006/10/31  
**Speaker:** Prof. Motoichi Ohtsu (Tokyo University, Japan)  
**Title:** Nanophotonics: Qualitative Innovation in Photonic Devices, Fabrications, and Systems (Nanophotonics Workshop)  
**Photos of activity:**

![Photo 1](image1.jpg)  
![Photo 2](image2.jpg)

**Date:** 2006/10/31  
**Speaker:** Prof. Lih Yuan Lin (Washington University, USA)  
**Title:** Nanophotonics for Integrated Optics and Bio-manipulation (Nanophotonics Workshop)  
**Photos of activity:**

![Photo 3](image3.jpg)  
![Photo 4](image4.jpg)

**Date:** 2006/10/31  
**Speaker:** Prof. Yung-Chiang Lan (National Cheng Kung University, Taiwan)  
**Title:** Surface Plasmon-like Modes on Structured Perfectly Conducting Surfaces (Nanophotonics Workshop)  
**Photos of activity:**

![Photo 5](image5.jpg)  
![Photo 6](image6.jpg)
**Date:** 2006/10/31  
**Speaker:** Prof. Wei Chih Liu (National Taiwan Normal University, Taiwan)  
**Title:** Resolution beyond Diffraction Limit by a Slab of Random Nanostructures (Nanophotonics Workshop)  
**Photos of activity:**

![Image 1](image1.png) ![Image 2](image2.png)

**Date:** 2006/10/31  
**Speaker:** Prof. Ruey Lin Chern (National Taiwan University, Taiwan)  
**Title:** Research on Nanophotonics in Institute of Applied Mechanics (Nanophotonics Workshop)  
**Photos of activity:**

![Image 3](image3.png) ![Image 4](image4.png)

**Date:** 2006/10/31  
**Speaker:** Prof. Hai Pang Chiang (National Taiwan Ocean University, Taiwan)  
**Title:** Theoretical Modeling and Experimental Studies of Optical Sensor Based on Surface Plasmon Resonance (Nanophotonics Workshop)  
**Photos of activity:**

![Image 5](image5.png) ![Image 6](image6.png)
Date: 2006/10/31
Speaker: Prof. Din Ping Tsai (National Taiwan University, Taiwan)
Title: Plasmonic Nanophotonics: From Nano Imaging to Storage and Lithography (Nanophotonics Workshop)
Photos of activity:

Date: 2006/11/29
Speaker: Prof. Wolfgang Fritzsche (Institute for Physical High Technology, Germany)
Title: DNA-conjugated metal nanoparticles for bioanalytics, nanophotonics and nanoelectronics
Photos of activity:

Date: 2006/12/01
Speaker: Prof. Min Gu (Swinburne University of Technology, Australia)
Title: Femto-Second Laser Writing of Three Dimensional Photonic Crystals in Polymer
Photos of activity:
Date: 2006/12/11  
Speaker: Prof. Nikolay I. Zheludev (University of Southampton, UK)  
Title: Planar Meta-Materials: "invisible metals", magnetic mirrors, chirality, asymmetric transmission and sub-wavelength focusing  
Photos of activity:

Date: 2006/12/11  
Speaker: Prof. Mark I. Stockman (Georgia State University, USA)  
Title: Coherent, Nonlinear, and Ultrafast Nanoplasmonics  
Photos of activity:

Date: 2006/12/12  
Speaker: Prof. S. J. Xu (the University of Hong Kong)  
Title: Luminescence spectral features of exciton-phonon interactions in ZnO  
Photos of activity:

List of activity of SPIE annual meeting
- Hungji Huang had a poster presentation, “Study of TiO2 nano thin film coated optical fibers of photocatalyst recator” [6324-33], at the conference.
- Hungji Huang had a poster presentation, “Modes of plasmonic resonance on Au nanoparticles” [6324-39], at the conference.
- Kuo Pin Chiu had a poster presentation, “Behavior of surface plasmon
resonance at a left-handed material nano slab” [6324-40], at the conference.

Tai Chi Chu had a poster presentation, “Resolution beyond diffraction limits with Sb nanostructures” [6324-42], at the conference.

List of activity of Asia-Pacific Data Storage Conference

List of activity of NFO-9
List of activity of International Workshop on Plasmonics and Applications in Nanotechnologies

“IWPAN 2006 Conference in Singapore”