Chapter Officers:

President: Ching-Wei Yu (t6659003@ntut.edu.tw)
Vice-President: Chia-Feng Lin (t6659005@ntut.edu.tw)
Secretary: Ching-Ho Tien (jonath.tien@hotmail.com)
Treasurer: Meng-Jie Lin (t7658012@ntut.edu.tw)
Adviser: Yi-Jun Jen (jyjun@ntut.edu.tw)

Current Student Chapter Members:

<table>
<thead>
<tr>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jung Hui Chao</td>
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<td>Zhi-Hui Chen</td>
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<td>Chia-Feng Lin</td>
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<td>Meng-Jie Lin</td>
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<td>Ching-Ho Tien</td>
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<td>Yu-Hsiung Wang</td>
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<td>Ching-Wei Yu</td>
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<td>Jeng-Chiang Chen</td>
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<td>Wan-Wei Wang</td>
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<td>Wen-Pao Tsai</td>
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Chapter Activities:

- **Chapter Officer Election (Date: 2009/04/24)**
  The SPIE Student Chapter at National Taipei University of Technology (NTUT) was established on April 17, 2009. The meeting for the selection of chapter officers was held on April 24, 2009. Ching-Wei Yu was elected President of the chapter. Chia-Feng Lin was selected as Vice-President.
Electoral procedure for NTUT chapter officer election on April 24, 2009

- Symposium on Nano-sculptured Optical Thin Films
  (Date: 2009/05/13)

The SPIE Chapter at National Taipei University of Technology co-organized “Symposium on Nano-sculptured Optical Thin Films” on May 13, 2009. The symposium was held in the 6th Teaching Building in NTUT. Several experts who are famous for their researches in the field of anisotropic thin film optics were invited. The schedule of the symposium is listed below.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Title</th>
</tr>
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<tbody>
<tr>
<td>9:20-09:50</td>
<td>Registration</td>
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<tr>
<td>9:50-10:00</td>
<td>Opening Remark</td>
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</table>
| 10:00-10:50| Session A, Chair: Yi-Jun Jen | Sculptures Thin Film: Nanoengineered Metamaterials  
Akhlesh Lakhtakia  
Penn State University |
| 10:50-11:10| Coffee Break            |                                                                              |
| 11:10-12:00| Session A, Chair: Yi-Jun Jen | Engineering Nanostructured Materials with Geometrically Directed Self Assembly  
Kevin Robbie  
Queen’s University |
<p>| 12:00-13:30| Lunch                   |                                                                              |</p>
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:30-14:20</td>
<td>Replication of Bugs’ Eyes and Wings, etc.</td>
<td>Akhlesh Lakhtakia</td>
<td>Penn State University</td>
</tr>
<tr>
<td>14:20-15:10</td>
<td>Nano-structured optical thin films and devices prepared by glancing angle deposition</td>
<td>Chang Kwon Hwangbo</td>
<td>Inha University</td>
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<td>15:10-15:30</td>
<td>Coffee Break</td>
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<td>15:30-16:20</td>
<td>Applications of sculptured composite-films</td>
<td>Motofumi Suzuki</td>
<td>Kyoto University</td>
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<tr>
<td>16:20-17:00</td>
<td>Anisotropic thin films for polarization conversion, surface plasmon resonance and negative refraction</td>
<td>Yi-Jun Jen</td>
<td>National Taipei Univ. of Technology</td>
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<tr>
<td>17:00-17:30</td>
<td>Closing &amp; Group Photo</td>
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The invited speaker, Dr. Lakhtakia, is the first Editor-in-Chief of the online Journal of Nanophotonics published by SPIE since 2007. His current research interests lie in the electromagnetics of complex materials, sculptured thin films and negative refraction. There are over 100 attendees participating in the symposium. After the symposium, student members of NTUT Chapter called an additional meeting with Prof. Lakhtakia and then 3 journal papers were published in 2009.
We are also pleased to invite Dr. Tsu-Tian Lee, President of NTUT, to give us a special lecture during the opening of the symposium.
Financial information:
Beginning balance: $0.
Funds obtained from SPIE: $500.
Funds expended: $520

Details:
Rent for a conference hall: $300
The manual of symposium: $220
Total: $520

End balance $-20
- **Invited Presentations** *(Date: 2009/12/17)*

  **Title:** Liquid Crystal Displays: Development of Liquid Crystal Displays  
  **Speaker:** Dr. **Pochi Yeh** *(University of California at Santa Barbara)*  
  **Research interest:**  
  Crystal Optics, Photorefractive Nonlinear Optics, Optical Computing,  
  Optical Neural Networks, Optical Information Processing.  
  **Honor and Awards:**  
  Fellow of Institute of Electrical and Electronics Engineers IEEE Fellow, 1991.  
  Rudolf Kingslake Medal and Prize, 1989.  
  Optical Society of America Fellow, 1988.  
  **The number of attendees: 80**
- **Invited Presentations** *(Date: 2010/01/12)*

Title: Liquid Crystal Displays: Development of Liquid Crystal Displays

Speaker: **Dr. Hidenori Mimura** (Director and Professor of Research Institute of Electronics, Shizuoka University)

Research interest:
- Imaging Technology

Honor and Awards:
- Takayanagi Young Scientist Award 1987
- Takayanagi Memorial Award 2009

*The number of attendees: 120*
Meng-Jie Lin represented NTUT Student Chapter to participate in SPIE Student Leadership Workshop on August 2, 2009. He also attended Optics+Photonics meeting held in San Diego. The SPIE society provides an excellent opportunity for him to communicate with other student members. He appreciates greatly for that.

2009 SPIE Student Leadership Workshop & Optics and Photonics Annual Meeting:
Ching-Wei Yu and Chia-Feng Lin presented their researches during the post section in Optics and Photonics Conference on August 4, 2009. The titles of the articles: “The absorption modes of a dielectric-metal-dielectric nanorod array in the Kretschmann configuration” and “Backward wave phenomenon for light propagating through a silver nanorod array”
**Planned Chapter Activities:**

We plans to hold an optics conference in National Taipei University of Technology (NTUT) this year. More than 5 professors who are teaching in *Shizuoka University* will be invited. The conference will open the *paper submission* for Japanese students. The students in NTUT are also welcome to participate in the conference. The post exhibition and oral section will be held in *the 6th Teaching Building* in NTUT on June, 2009.