

# Annual Report on Activities of National Taipei

## University of Technology Chapter



April 2014 – March 2015

### Chapter Officers:

President : Jyong-Wei Huang ([joung80217@hotmail.com](mailto:joung80217@hotmail.com))

Vice-President : Ci-Yao Jheng ([e59302189@yahoo.com.tw](mailto:e59302189@yahoo.com.tw))

Secretary : Wei-Chih Liu ([lineage107@yahoo.com.tw](mailto:lineage107@yahoo.com.tw))

Treasurer : Wun-Wei Lin ([t100659004@ntut.edu.tw](mailto:t100659004@ntut.edu.tw))

Adviser : Yi-Jun Jen ([jyjun@ntut.edu.tw](mailto:jyjun@ntut.edu.tw))

### Current Student Chapter Members:

In this years, the number of members increase to 15 persons. They consist of master and Ph. D students.

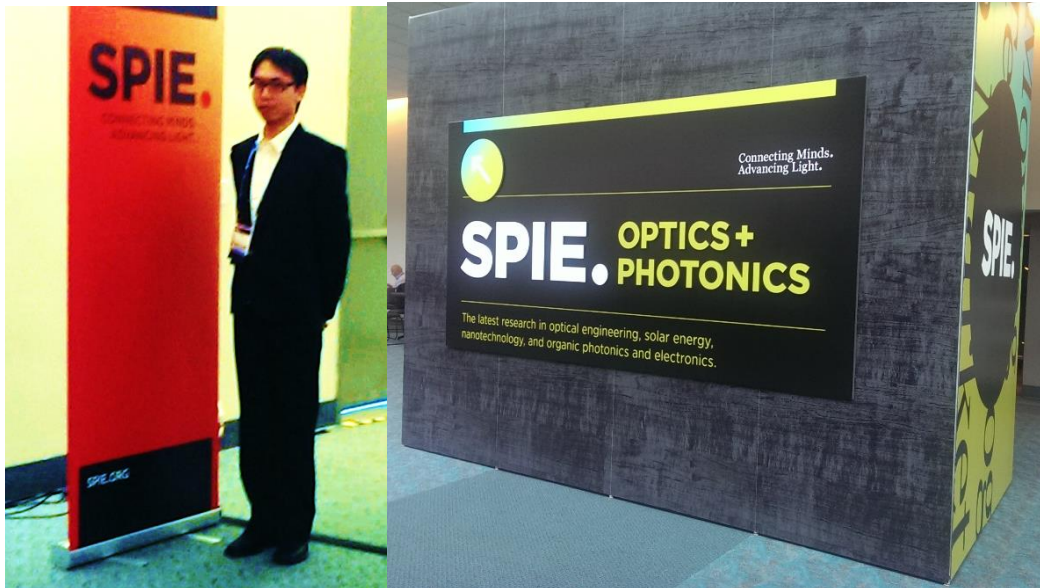
Name	Expires
San Chan	30 September 2015
Yuan-Tai Chang	30 September 2015
Jung-Hui Chao	14 January 2015
Cheng-Yeh Chen	9 December 2014
Tso-Kuei Chen	28 July 2015
Chien-Ying Chiang	27 July 2015
Wei-Sian Hsu	28 July 2015
Jyong-Wei Huang	28 September 2015
Ci-Yao Jheng	28 July 2015
Ya-Ting Liang	28 July 2015
Shan-Wen Lin	28 July 2015

Wei-Chih Liu	30 July 2015
Kun-Han Lu	28 September 2015
Chien-Hoa Tseng	30 September 2015
Lin-Yueh Weng	30 July 2015

## **Chapter Activities:**

### **SPIE Optics + Photonics Conference (Date:2014/08/20)**

Our student chapter members Wei-Chih Liu and Ci-Yao Jheng presented their researches during the oral section in Optics and Photonics Conference on August 20-21, 2014. The titles of the articles: “Design a symmetrical film stack as a negative index metamaterials.”



Oral section in 2014 Optics + Photonics Conference

### **Chapter Officer Election (Date:2014/10/1)**

The meeting for the election of chapter officers was held on October 1, 2014. Jyong-Wei Huang was elected President of the chapter. Ci-Yao Jheng was selected as Vice-President.

### **Invited Speech (Date:2014/10/08)**

Dr. Zhi Feng Huang is an assistant professor at Hong Kong Baptist University. He received his Bachelor in Chemistry and master degrees in Physical Chemistry at

Xiamen University, Ph. D.in Science & Engineering of Materials at Arizona State University at U.S.A., and had been a Postdoctoral fellow in Electrical & Computer at University of Alberta at Canada respectively. He studies molecular electronic and the mechanic stability, reliability of molecular devices. He utilized the optical and mechanical properties to research in fabrication and characterization of nano-materials and nano-structures with technique of GLAD (glancing angle deposition), to manufacture the well-known chiral metamaterials. Then Dr. Huang gave us a talk about “Nano engineering of photoluminescence and chiral nanoplasmon.” After the speech, we discuss enthusiastically on topics about these talks and received many good responses.

## Invited Speech(特邀演講)



**Speaker :** Dr. Zhi-Feng Huang  
(黃陟峰 博士)

**Job :** Assistant Professor of  
Department of Physics  
Institute of Advanced Materials  
Hong Kong Baptist University

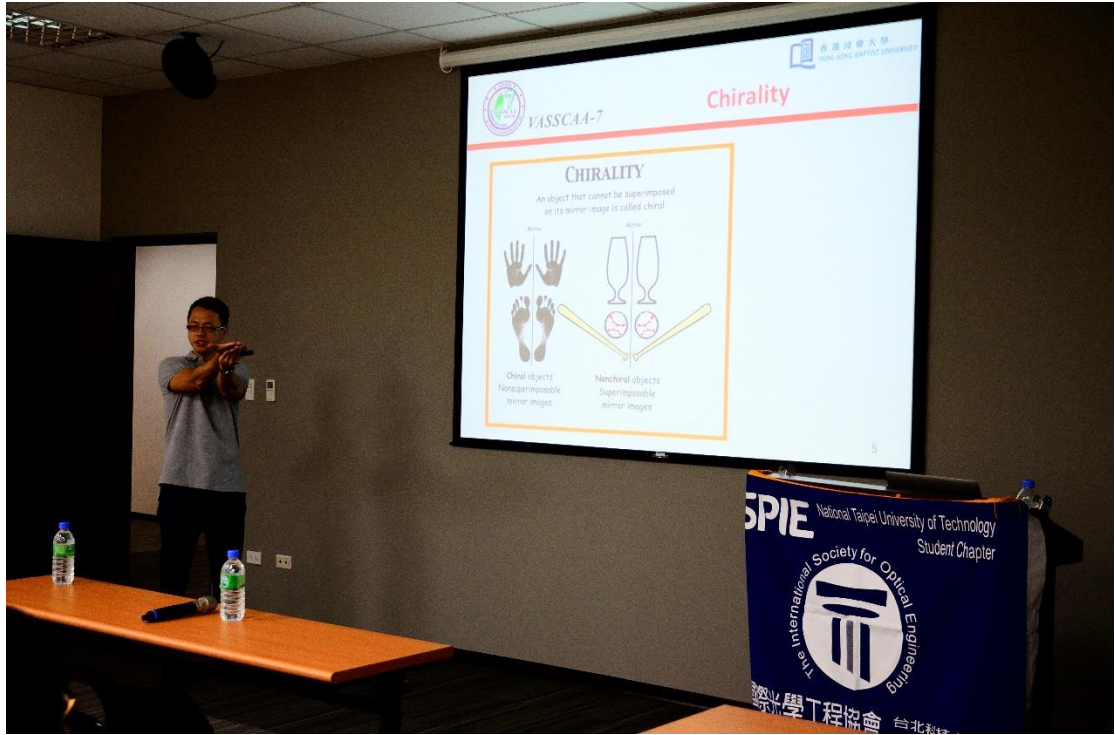
**Time :** 2014/10/08 (三) 10:00 AM

**Title :** Nano engineering of photoluminescence  
and chiral nanoplasmon



SPIE

SPIE  
Student Chapter  
National Taipei University of Technology



**Financial information:**

Beginning Balance:\$0

Funds obtained from SPIE: \$700.

Funds expended: \$650

Details:

Transportation costs: \$ 200

Lecture fees: \$ 200

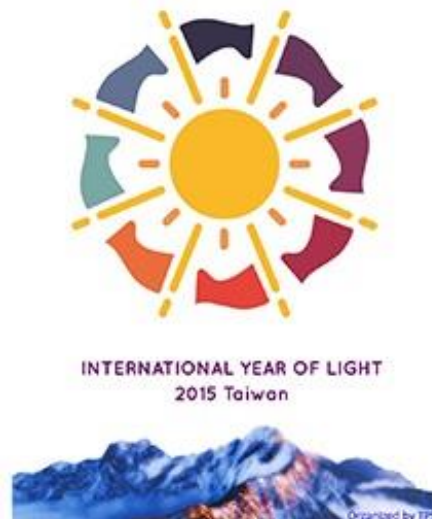
Venue charges: \$ 200

Food fee: \$ 100

End Balance : \$0

**2015 International Year of Light Taiwan Committee Meeting**  
**(Date:2014/11/01)**

The 2015 International Year of Light Taiwan Committee meeting is held in Academia Sinica, Taipei, Taiwan. There are some SPIE fellow members include Prof. D.P. Tsai, Prof. C. C. Sun, famous scholars and three student chapters presidents (SPIE National Taiwan Univ. Chapter, SPIE National Taipei Univ. of Technology Chapter and OSA National Taiwan University Chapter) attended this meeting. There are organized the 2015 IYL meeting and speech to celebrate this big event. The most important event through the next year is Taiwan Lantern Festival in Taichung. Several special-design Lanterns will be presented to echo IYL 2015.



**Lunch meeting with NTUT student chapter member and alumni**  
**(Date:2014/11/11)**



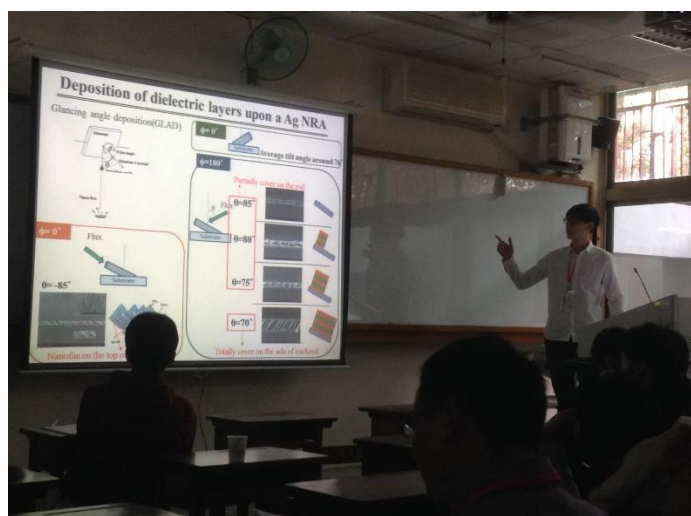
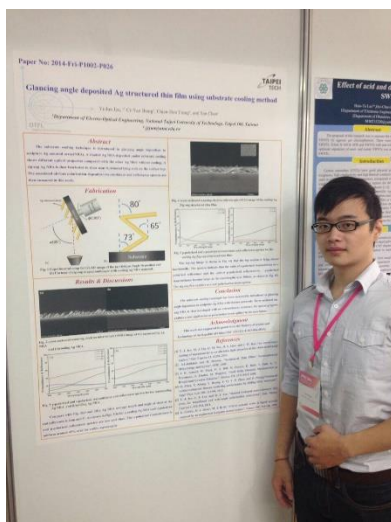
(Chapter Officers)



(Chapter Members and Alumni)

**Optics & Photonics Taiwan, International Conference**  
**(Date:2014/12/04)**

Our student chapter was participated Optics & Photonics Taiwan, International Conference on December 4, 2014. And our chapter member Kun-Han Lu, Chien-Hoa Tseng and Jyong-Wei Huang will present their researches during the oral and post section in these conference.



## **Details of planned activities for the future**

For the future, NTUT SPIE student chapter will attend 2015 Photonics Festival in Taiwan and SPIE Optics + Photonics 2015 in San Diego. In 2015 Photonics Festival we will exhibit the research achievements during this year. In 2015 SPIE Optics + Photonics conference our student chapter will present the researches about nanostructure thin film during the post section.