

Annual Report on Activities of

National Taipei University of Technology Chapter



April 2016 – February 2017

Chapter Officers:

President : Yi-Ciang Jhang (zxc19930718@yahoo.com.tw)

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

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

Current Student Chapter Members:

In this years, the number of members are 11 persons. They consist of master and Ph. D students.

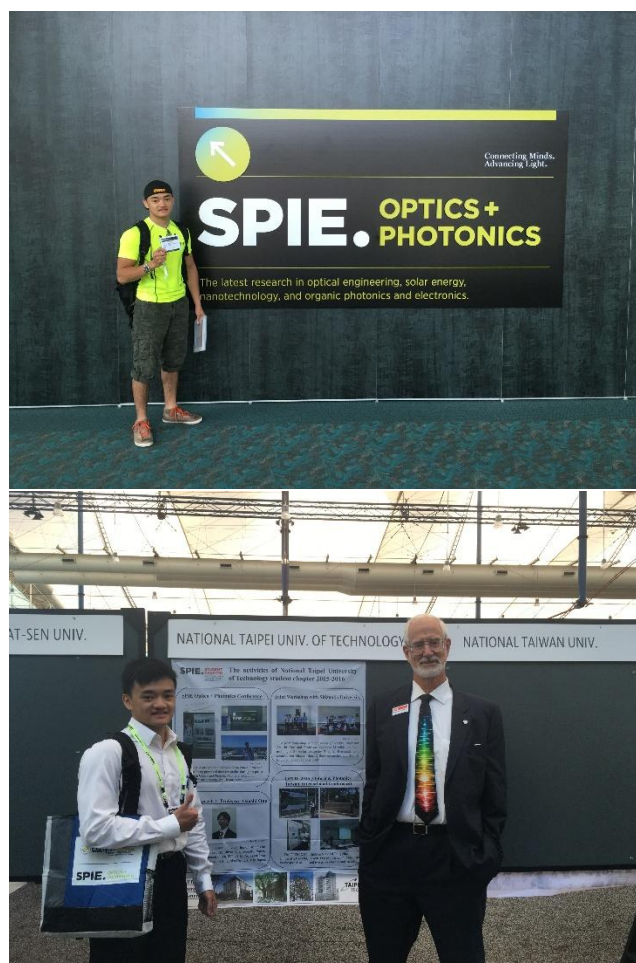
Name	Expires
Teh-Li Chan	8 September 2017
Hou-Lon Cheang	10 September 2017
Zi-Hao Guo	31 August 2017
Yi-Ciang Jhang	2 September 2017
Kuan-Lin Lee	12 September 2017
Po-Cheng Lin	2 September 2017
Wun-Wei Lin	29 September 2017
Wei-Chih Liu	30 July 2017
Wei-Chien Wang	10 September 2017
Kai-Lun Wu	11 September 2017
Jia-Liang You	31 August 2017

Chapter Activities:

SPIE Optics + Photonics Conference (Date:2016/08/30)

Our chapter president Yu-Jie Huang as well on August 30, 2016. The title of the article: “Deposited nanohelices on smooth surface: morphology and SERS application”.

The president of our chapter, Yu-Jie Huang, attended the leadership workshop during the conference, and he enjoyed the activities a lot. He discussed with other presidents from many countries, exchanged opinions on research, and received numerous information. After he came back from the conference, he shared all the experience he got during that time, and gave us some feedback. Our chapter learned a lot from this rare chance.



Our chapter president Yu-Jie Huang in 2016 Optics + Photonics Conference

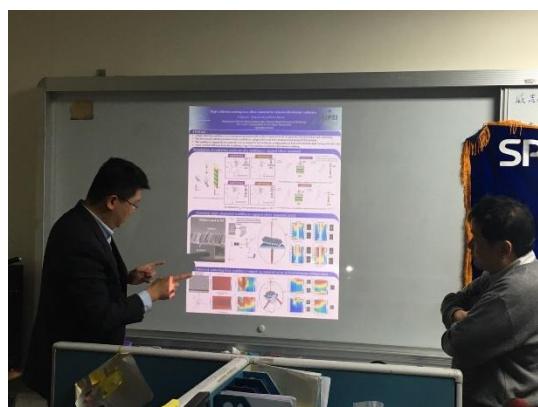
Chapter Officer Election (Date:2016/10/11)

The meeting for the election of chapter officers was held on October 11, 2016. Yi-Ciang Jhang was elected as President of the chapter. Wei-Chih Liu was selected as secretary.

Shizuoka University and National Taipei University of Technology – Workshop (Date:2016/11/29-2016/12/03)

This year our chapter held a special activity, a joint workshop with Shizuoka University. Professor Toru AOKI teaching at Shizuoka University. He led ten students to come to our chapter sharing their researches and discuss future collaborative possibility.

The workshop had two sections: first, our chapter members took all the guests to have a lab touring. They were very interesting in our studies and the topics we were focusing on. Second, our chapter invited them to join the OPTIC 2016 (Optical & Photonics Taiwan, International Conference). During the whole Conference, our chapter members talked and discussed enthusiastically with them because this is a rare chance to obtain novel information from other university in Japan.



This activity is not only a academic workshop but partially cultural exchange. By this experience, we learn about experimental studies and attitude that how Japanese scholars focus on researches.

Deeply appreciate for our adviser Profeseor Yi-Jun Jen, Professor Toru AOKI, and also all the members during the entire workshop. We had a memorable experience.

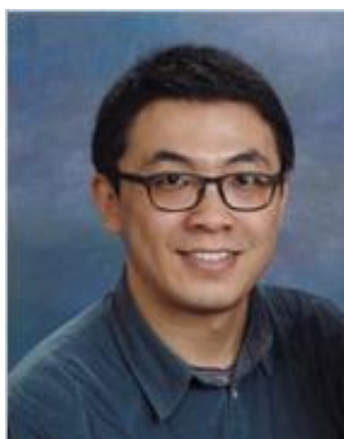
Financial information:

Food costs: \$ 165

Entertainment cost: \$ 70

Transportation : \$ 40

Invited Speech (Date:2016/12/04)



This year our chapter is very honor to invite professor Qiaoqiang Gan from the State University of New York at Buffalo, and to give us a speech on OPTIC 2016.

Professor Qiaoqiang Gan is an associate professor at the State University of New York at Buffalo. He received his Bachelor's degree from Fudan University, China in 2003, his Master's degree in 2006 in the Institute of Semiconductors at the Chinese Academy of Sciences, and his Ph.D. degree from Lehigh University in 2010. This time, the title of his speech is " Broadband surface-enhanced light matter interaction ". We are very happy and appreciate that professor Qiaoqiang Gan is willing to share his experience and research achievements with us at such a wonderful conference. Of course, we had a memorable discussion with professor Ono and other scholars.

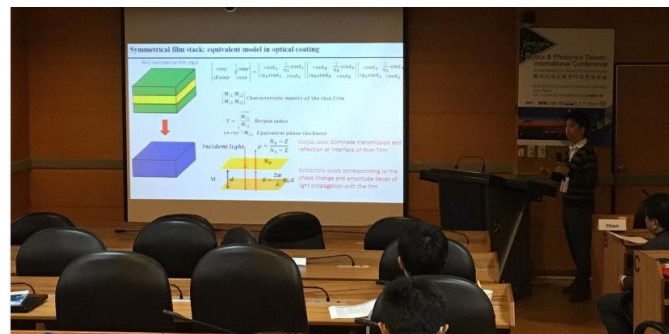
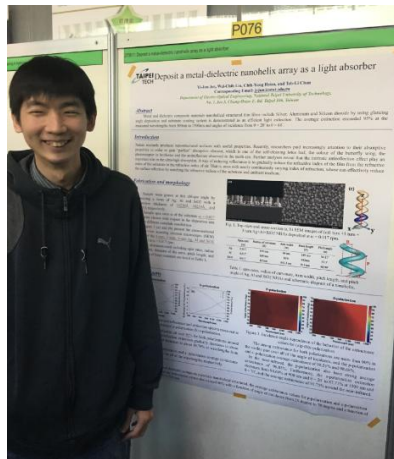
Financial information:

Transportation costs: \$ 55

[OPTIC 2016 \(Optical & Photonics Taiwan, International Conference\)\(Date:2016/12/3-5\)](#)

The OPTIC 2016 is held in National Taiwan University of Science and Technology, Taipei, Taiwan. Our chapter submits one paper for the poster section and one paper for the oral section, and the titles are“Deposit a metal-dielectric nanohelix array as a light absorber”, and “Admittance matching design for a layered light absorber”. During the whole conference, our members present their research accomplishment and discuss with scholars and audiences, receiveing some good feedback and responds. All the members who attended this conference have the important experience and good memories.

There is another important issue held in this conference: the presidents' presentation of SPIE student chapter. Because the president of SPIE, professor Toyohiko Yatagai, is invited to come to OPTIC2016 as well, a few presidents of student chapter have the chance to introduce their chapter. Our president, Yi-Ciang Jhang, did a good job to have a splendid talk introducing NTUT student chapter to professor Yatagai and all the guest.



Details of planned activities for the future

For the future, NTUT SPIE student chapter will attend 2017 Photonics Festival in Taiwan and SPIE Optics + Photonics 2017 in San Diego.. In 2017 SPIE Optics + Photonics conference our student chapter will present the researches about nanostructure thin film during the post section.

Financial information:

Beginning Balance:\$0

Funds obtained from SPIE: \$500.

Funds expended: \$ 330

Details:

Transportation costs: \$ 95

Entertainment costs: \$ 70

Food fee: \$ 165

End Balance : \$ 170