

Annual Report on Activities of

National Taipei University of Technology Chapter



April 2015 – February 2016

Chapter Officers:

President : Yu-Jie Huang (eternal810219@gmail.com)

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

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

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

Current Student Chapter Members:

In this years, the number of members are 13 persons. They consist of master and Ph. D students.

Name	Expires
Zi-Hao Guo	31 August 2016
Chih-Yung Hsiao	31 August 2016
Yu-Jie Huang	31 August 2016
Yi-Ciang Jhang	2 September 2016
Tso-Kuei Chen	31 August 2016
Kuan-Lin Lee	12 September 2016
Po-Cheng Lin	2 September 2016
Shan-Wen Lin	28 July 2016
Wun-Wei Lin	16 June 2016
Yueh-Weng Lin	2 September 2016
Wei-Chih Liu	30 July 2016

Jia-Ren Wu	9 July 2016
Jia-Liang You	31 August 2016

Chapter Activities:

SPIE Optics + Photonics Conference (Date:2015/08/10)

Our student chapter members Chien-Ying Chiang and Ci-Yao Jheng presented their researches during the poster section in Optics and Photonics Conference and our chapter president Jyong-Wei Huang as well on August 9-10, 2015. The title of the article: “Influence of low temperature on the morphology and optical property of a deposited silver nanorod array”.

The president of our chapter, Jyong-Wei 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.

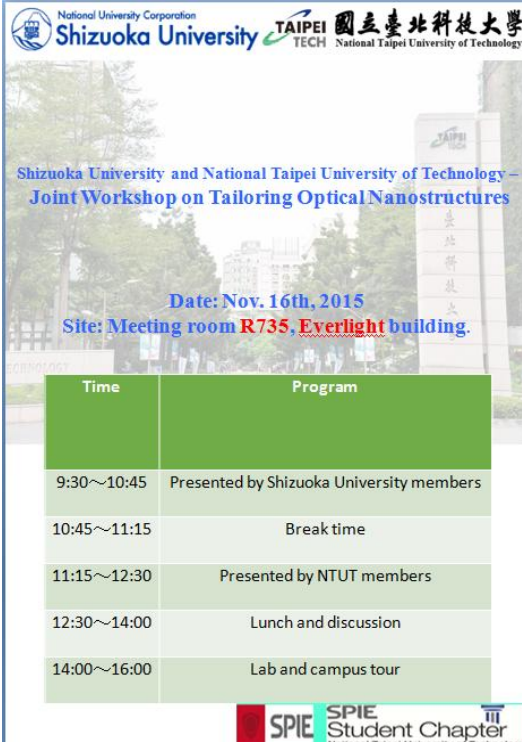


Our chapter president Jyong-Wei Huang in 2015 Optics + Photonics Conference

Chapter Officer Election (Date:2015/08/20)

The meeting for the election of chapter officers was held on August 20, 2015. Yu-Jie Huang was elected as President of the chapter. Wei-Chih Liu was selected as Vice-President.

Shizuoka University and National Taipei University of Technology – Joint Workshop (Date:2015/11/26)



Shizuoka University and National Taipei University of Technology –
Joint Workshop on Tailoring Optical Nanostructures

Date: Nov. 16th, 2015
Site: Meeting room R735, Everlight building.

Time	Program
9:30~10:45	Presented by Shizuoka University members
10:45~11:15	Break time
11:15~12:30	Presented by NTUT members
12:30~14:00	Lunch and discussion
14:00~16:00	Lab and campus tour

SPIE Student Chapter
National Taipei University of Technology

This year our chapter held a special activity, a joint workshop with Shizuoka University. Professor Atsushi Ono and Professor Vygantas Mizeikis are both teaching at Shizuoka University. They led five students to come to our chapter sharing their researches and discuss future collaborative possibility.

The workshop had two sections: first, the presentation by Shizuoka members in the morning; second, the presentation by NTUT members in the afternoon. Each group had five students to present their researches, including master and Ph.D students. After the presentation, our chapter members took all the guests to have a brief lab touring. They were very interesting in our studies and the topics we were focusing on. During the whole workshop, our chapter members talked and discussed enthusiastically with them because this is a rare chance to obtain novel information from other university in Japan.



Not only the serious discussion but we had some entertainment for the guests. When the sections of workshop finished, we took Japanese students to see the baseball game in Taoyuan, and also took them to the famous Taiwanese night market. They deeply enjoyed the whole week journey in Taiwan.

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 Professor Yi-Jun Jen, Professor Atsushi Ono, Professor Vyngantas Mizeikis, and also all the members during the entire workshop. We had a memorable experience.

Financial information:

Food costs: NT\$ 4800

Entertainment cost: NT\$ 8500

Invited Speech (Date:2015/12/04)



This year our chapter is very honor to invite professor Atsushi Ono from Shizuoka University, Japan, and to give us a speech on OPTIC 2015. Professor Ono is an associate professor at Shizuoka University in Japan. He received his Bachelor in Osaka University and also the master and Ph. D . He studies about apply physics and focuses his researches on nano-plasmonic and near-field photonics. This time, the title of his speech is "Transmission Characteristics of Metallic Ultrathin for Optical Color Filter ". We are very happy and appreciate that professor Ono 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:

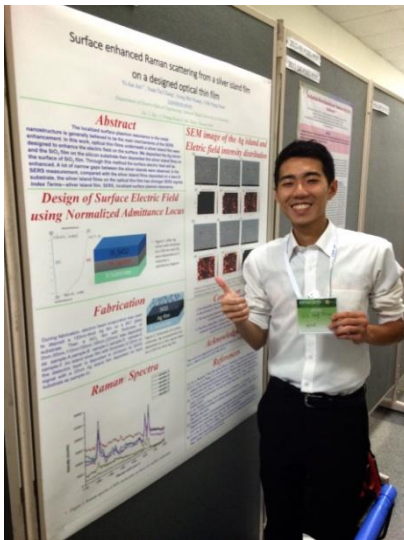
Transportation costs: NT\$ 3000

OPTIC 2015 (Optical & Photonics Taiwan, International Conference)(Date:2015/12/4-6)

The OPTIC 2015 is held in National Tsing Hua University, Hsinchu, Taiwan. Our chapter submits one paper for the poster section and two papers for the oral section, and the titles are“Surface enhanced Raman scattering from a silver island film on a designed optical thin film ”,“Glancing angle deposited nanohelix array”,and “Transmission induced metal-dielectric multilayer as a bandpass filter”. 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 OPTIC2015 as well, a few presidents of student chapter have the chance to introduce their chapter. Our president, Yu-Jie Huang, 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 2016 Photonics Festival in Taiwan and SPIE Optics + Photonics 2016 in San Diego. In 2015 Photonics Festival we will exhibit the research achievements during this year. In 2016 SPIE Optics + Photonics conference our student chapter will present the researches about nanostructure thin film during the post section.