Annual Report

SIOM SPIE Student Chapter
Shanghai Institute of Optics and Fine Mechanics,
October 16, 2008
Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences

Club

SPIE ID: 1033324

1. Names, email addresses, and Member numbers of elected Officers.
   Advisor–Yuxin Leng lengyuxin@mail.siom.ac.cn
   President–Chunmei Zhang (feileiwuyu@siom.ac.cn)
   Vice President –Fei He (hef@siom.ac.cn)
   Treasurer – Ding Wang (wangding@siom.ac.cn)
   Secretary – Jianliang Wang (wangjianliang@siom.ac.cn)

2. List of current Student Chapter Members.
   Jianhui Bin
   Fei He
   Minyuan Hu
   Chuang Li
   Yang Liao
   Ding Wang
   Helin Wang
   Jianliang Wang
   Pengfei Wei
   Hui Xiong
   Jian Xu
   Haibo Yu
   Chunmei Zhang

3. Details of Chapter activities since last report.
   1) Colloquium to celebrate the foundation of our student chapter.
      In the colloquium, every member of our Chapter introduce himself/herself to other members, and talk about his/her research domain. Quite some members were interested about other’s work and had some interesting discussion with other member. Then the president of our Chapter Chunmei Zhang gave a short talk about some thoughts about the activity plan of our club. At last, we collected and discussed the advices about our club’s operation and decide the activity plan of our club.
   2) Poster to recruit new members
      We made a poster to recruit new members and attract the other attentions with some advertisements. This poster attracted many students to add our chapter.
   3) Lunch to welcome the new members of our student chapter.
      During this lunch, the adviser of our Chapter Professor Leng introduced our chapter to the new members. Then the new members introduce himself/herself to other members. We discussed the future activities, and most members were interested to visit some factories relative to optics or laser.
4) Flag and card  
We made the flag of our chapter, and the name card for every member.

5) Lecture  
Our chapter with the OSA student chapter of SIOM organized a short course: “The application of FDTD Solutions in design of micro-electronic apparatus” together. The invited speaker was the initiator and COO of Lumerical Solutions Inc Dr Todd Kleckner. He introduced the application the FDTD solution (a kind of design soft based FDTD) and how to use it. This soft is very useful to many member. After the lecture, Dr Todd Kleckner discussed with us and answered the questions of the members.

6) Attendance at SPIE meetings  
The vice president of our chapter attended the Optics & Photonics conference 2008 in San Diego which was sponsored by SPIE. This is the 53rd SPIE Annual Meeting.

7) Display about Optics  
We set up a display to promote the study of the Optical Sciences in Shanghai Institute of Optics and Fine Mechanics at Science-for-All Day. We introduced the history, principle and application of laser to High school students, and they watched the poster and display of laser products.

4. Details of planned activities for the future.
1) We had already contacted with the missionary of National Instruments Corporation. Their technician will visit our institute and give a lecture about their Data Acquisition (DAQ) Hardware and software: Labview.
2) The SPIE student chapter of Zhejiang University will visit our Institute
3) Visiting the Shanghai Science & Technology Museum
4) Visit to an industry related to our studies field. In this matter we count on the help provided by Prof.Leng, for his advice and contact with different industries around our Institute..

5. Financial information.
Our Brussels Student Chapter was established in October 2007 and our first activity grant was received on 20/01/2008
SPIE Activity grant $500
Beginning balance: 3364.33 RMB

1. Lunch to welcome the new members: 983 RMB
2. Poster for chapter exhibition and recruiting new members and posters on the display: 300RMB
3. Rent for room and relative device, such as objects, tea and food for the lecture: 120 RMB
4. Flag and card: 880RMB

Ending Balance: 1081.33 RMB

6. Some photos
微光的特性

- 功率（能量）
- 光强
- 亮度
- 对比度
- 闪光时间
- 闪光频率
- 闪光模式
- 闪光触发方式
- 闪光设定
- 闪光触发条件
- 闪光控制

- 千次/秒
Chunmei Zhang
President
SIOM SPIE Student Chapter
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