SPIE Student Chapter Annual Report

Changchun Institute of Optics, Fine Mechanics and Physics,
Chinese Academy of Sciences

July, 2007

2007 Chapter Officers

President          Che Guan         Jevonsguan@hotmail.com
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Treasurer          Baoshan Wang    baoshan002@126.com

Chapter Activities

Time: March 4th, 2007
Place: Graduate Teaching Building
Activity: The first regular meeting of 2007 first-half semester.
Discussion plans for the new semester.

1. Chapter continues to organize academic presentations among members. Reports are always open to students who are not members.
2. Chapter will invite local and international experts to our
3. Chapter continues to sponsor researches and related activities.
4. Design and accomplish our homepage and Chapter manual for new semester enrolling.

- Time: March 18th, 2007
  Place: Graduate Teaching Building
  Activity: Regular Meeting. Memorial cards for 2006-2007 student members and advisor are designed and delivered. (See picture below)

Memorial card of chapter advisor

- Time: April 1st, 2007
  Place: Graduate Teaching Building
  Activity: Regular meeting. Discussing the enrollment of new semester
1. Some works are arranged.

2. Feng Qu will be responsible for homepage news updating, Jun He for chapter manual and enrollment posters making, and enrollment lecture.

- **Time:** April 15\textsuperscript{th}, 2007
- **Place:** Graduate Teaching Building
- **Activity:** Student member enrollment

Officers gave detailed introduction to students about SPIE and our Chapter. Chapter manuals are delivered. Many students had strong interests in our Chapter.
Time: April 22\textsuperscript{nd}, 2007

Place: Graduate Teaching Building

Activity: \textbf{Regular meeting. Several important decisions are discussed and passed.}

1. Chapter should completely keep its independence to the Student Union of CIOMP. However, academic cooperation is welcomed.

2. Because of the relatively small amount of student in CIOMP, the election would be held annually, on the first regular meeting of November.

3. Because lack of proper equipments and theories, the 3D image experiment tentatively be paused.

4. In order to propagandize our Chapter, several activities are planed, including arranging and inviting non-member students for a public visiting; and sponsoring members to participate in scientific or technical competitions.

5. Some members also suggested that we should be divided into small discussing groups according to the majors, which would make the academic discussing more convenient and more efficient.
● Time: April 29th, 2007
  Place: Graduate Teaching Building
  Activity: Regular meeting. Two members win the Chapter sponsor to take part in Microsoft Imagine Cup 2007.
  
  They are President Che Guan and student member Yuefeng Guo. They gave detailed introduction about their team "Spartacus" which has already entered the second level of the global embedded competition with their digital campus network system called "Campus Tie", a communication and broadcasting terminal for school use, based on Microsoft's "e-Box". The main purpose of the sponsor is to attract more students' attention to our Chapter. As "Imagine Cup" is very popular and famous among Chinese college students and graduate students, this group does propagandize our chapter. They will give acknowledge of our chapter during their report. The total financial support is 150RMB (about 20USD).

● Time: May 20th, 2007
  Place: Graduate Teaching Building
  Activity: Regular meeting. A visit to the Changchun Observatory and the Spring Picnic is scheduled.
  
  Chapter decides to arrange a visiting to Changchun
Observatory, NAOC, CAS. Non-member students are warmly invited. Meanwhile, a Chapter picnic is planned after the visiting. The purposes of these activities are to propagandize our Chapter, and to offer a chance for members to know and get along with each other better. Chapter is responsible for expense of bus, food and drinks. Each member gets different job for this activity. Min Li is in charge of contacting the Changchun Observatory; Che Guan is in charge of transportation arrangement; Shu Yang and other four members are responsible for food and drinks.

- Time: June 3rd, 2007
- Place: Changchun Observatory, Jingyuetan Forest Park, Changchun, Jilin.
- Activity: Visiting Changchun Observatory, NAOC, CAS, & Chapter Picnic

Changchun Observatory is settled in the Jingyuetan Forests Park. As a part of the National Astronomical Observatories, Chinese Academy of Sciences, Changchun Observatory is with responsibility of many critical astronomical and observational projects. 37 students (including non-members) had participated in the visiting. Director Liang of
the Observatory welcomed us warmly, and the scientists working there gave us a thorough introduction about the observatory, the satellite observation system and other establishments.

After the visiting, all students stayed in the Forests Park and enjoyed a picnic in the gentle sunshine of June. This was the first out-of-meeting party of SPIE Student Chapter ever since established. The purposes of our visit and picnic are providing a good chance for further communication between members, and propagandizing our chapter by inviting non-members to attend our activity.

A scientist is introducing their working system
Time: June 10th, 2007

Place: Graduate Teaching Building

Activity: Regular meeting. Visit expense report. Electing the representative to attend the SPIE Annual Meeting.
1. President Che Guan reported detailed expense of the visiting & picnic. In addition, six members who had great contributions to the activity organization received gifts from the Chapter.

- Time: June 20th, 2007, 2:30pm
- Place: Graduate Teaching Building

Dr. Guo Wenbin was invited as an expert in optoelectronic devices CAD. He had noticeable contributions in the CAD method of arrayed waveguide gratings (AWG) multiplexer. We invited him as the start of our “Local Experts Invited Lecture Plan”. Dr. Guo had introduced his works and experience in the CAD AWG multiplexer design and organic thin film transistors design. As many students in our Institute were involved in computer aid design, Dr.Guo’s lecture was very popular. The invitation expense was 250 Yuan (35 USD)
Dr. Guo is giving his lecture.

Student auditory
● Time: June 20th, 2007  
Place: Graduate Teaching Building  
Activity: **Chapter books statistic and purchase**  

Because many student members suggested chapter buy some related books and magazines for researches and studies, Chapter decided to take out 500RMB (70 USD) for reference ordering. Zhen Liu and Peng Kong were in charge of the statistic and purchase. The order list will be discussed at the next regular meeting.

● Time: July 6th, 2007  
Place: Graduate Teaching Building  
Activity: **A visit to “Shanghai Institute of Optics and Fine Mechanics”**  

Through democratic voting, student Members Sheng Cai and Jian Zhang are selected to take a visit to “Shanghai institute of Optics and Fine Mechanics” for academic exchange as well as communication with its chapter. They will give reports when they come back.