

CNU SPIE Student Chapter Report 2017



Department of Physics

Capital Normal University

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Chapter Activities

1. Outdoor activities

In October 2017, we have a autumn tour to promote the exchange of old and new members new and old members in Chateau Changyuafip Global in Miyun in Beijing.



2. Organize academic conferences

On 13th October 2017, we held a terahertz and metamaterial seminar for the Department of Physics. We had honor to invite Dr. Zhenhuan Yang who has the Master and Ph.D. in Electrical Engineering, University of Michigan, USA, Liangcai Cao who is the associate professor, Department of Precision Instrument and Mechanology, Tsinghua University and Qiang Kan who works at the Institute of Semiconductors, Chinese Academy of Sciences. Professor Yang's inspiring presentation made our members learn a lot, and we got a lot of positive feedback from our members.



3. Attending academic conference

On 23th~25th March 2017, some members of CNU SPIE Student Chapter attended the academic conference of Ningbo University. We learned a lot during our exchanges with friends from other schools.



4. Having a Ginkgo Poster Contest of the Department of Physics, Capital Normal University

On 26th May 2017, We have a Ginkgo Poster Contest of the Department of Physics before the third teaching building. Some members of SPIE CNU Student Chapter attend the contest which our chapter participated in hosting. Our members swept the first prize,almost all awards. Other members of our chapter watched the contest, and all of us got a lot of harvest.



5. SPIE Optics + Photonics 2017 and the August Annual SPIE Student Chapter Leadership Workshop in USA

In the summer, Zhen Wu who is our SPIE CNU student chapter 10th president attended the 2017 Optics + Photonics and SPIE Student Chapter Leadership Workshop held by SPIE in USA in August.



6. Optical experiments demonstrated to primary school students

On 19th May 2017, our student members went to the Xu Beihong school for children in Beijing, China, and demonstrated some interesting optical phenomena.

Children were watching the 3D film and listening the working principle for it



Photo with children



7. The annual symposium with other chapters

Every year CNU SPIE Student Chapter invites other chapters' members to our annual symposium. This year, we co-operated with the CNU OSA Student Chapter, Ginkgo Masters and Doctoral Forum of Department of Physics and invited the members of other SPIE & OSA Student Chapters in Beijing, Tianjin, Ningbo and Xian on 26th Nov. 2017. They came from Peking University, Beijing Jiaotong University, Nankai University, Ningbo University, Tsinghua University, Tianjin University, Institute of Physics, Chinese Academy of Sciences, Xi'an Institute of Optics and Fine Mechanics, Chinese Academy of Sciences,

respectively. We invited the SPIE CNU student chapter 5th president to celebrating 10th anniversary of SPIE CNU student chapter with us. We were also sponsored by Daheng New Epoch Technology Inc. At the symposium, ten members from different Student Chapters made oral presentations, and we discussed the interesting optical problems with each other. In the middle we had a coffee break and held some lucky draws. After luncheon, we have a poster presentation and some people who came from different universities show their academic achievements.



Further Chapter Activities

1. Introduce the rules of the SPIE student chapter to the members and provide some opportunities for the members to participate in the game.
2. Organize some outdoor activities to welcome the new members.
3. Invite some famous experts and professors to give lectures on photonics and engineering optics.
4. Hold an activity about the International Day of Light.
5. Organize CNU SPIE Student Chapter Annual Meeting 2013 and make oral presentations of optics and photonics.

Financial Information

CNU SPIE Student Chapter received an activity grant of \$1180.74 from SPIE. Due to the exchange rate, the total fund of 2017 was ¥7466.64. And we got ¥10,000 Sponsorship for our Annual meeting from Daheng New Epoch Technology Inc.

| Date | Activity | Details | Expense | Balance |
|-----------------------|------------------------------------|---|---------|-----------|
| 19th May | Optical experiments demonstrated | Experiment equipments Transportation costs | ¥329 | ¥17137.64 |
| 13st Oct. | terahertz and metamaterial seminar | Conference coffee break | ¥515.44 | ¥16622.2 |
| 14 st Oct. | Welcome new | Tickets | ¥350 | ¥16272.2 |

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| | members and autumn tour | | | |
| 25 th Nov. | Hospitality SPIE Ningbo Branch Representative | Acknowledge their hospitality in our exchange to Ningbo | ¥500 | ¥15772.2 |
| | | Room fee | ¥4500 | |
| | | gift | ¥600 | |
| 26 th Nov. | Annual meeting | Coffee break | ¥1000 | |
| | | labor costs (teacher and reporter) | ¥3200 | ¥72.2 |
| | | lunch | ¥6400 | |