Executive Summary:

The Zhejiang Univ. Chapter was established on 31 August 2007 and is part of the Zhejiang Univ. Optics Center for Optical and Electromagnetic Research, which includes student members from SPIE, OSA, and IEEE. We hold quarterly meetings and most activities on the main campus of Zhejiang Univ.

The purpose of the Zhejiang Univ. Chapter is to support optics students by providing valuable academic resources, facilitating career development through outreach activities and visits, representing and emphasizing the study of optics to the public.
This year, our chapter organized held an educational activity to involve citizens of Hangzhou especially children who have interest in optics to join in simple optical experiments and get to know about laboratory products on the international day of light. We arose the public’s curiosity of what optics can do and received high praise.

One of the biggest challenges that our chapter faced this year has been financial strain. Started with a negative balance, we did not reduce the activities that were due on the schedule. And with some additional financial help of our college, we held more significant activities and raised the fame SPIE among OSA, IEEE and other similar organizations. However, we have more trouble in financial balance next year.

Contact Information:

For general questions about our chapter, please email our chapter advisor, Sailing He, at sailing@zju.edu.cn. Web: http://coer.zju.edu.cn/spiezju/index.htm
WeChat: 紫金光电公众号

2018 - 2019 Officer Listing:

Junfan Chen
President
4th Year PhD’s Student
chenjunfan@zju.edu.cn

Siqi Hu
Vice-President
4th Year PhD’s Student
siqihu@zju.edu.cn
Zhaoxin Yu
Secretary
3rd Year Master’s Student
yuzhaoxin@zju.edu.cn

Junwei Lang
Treasurer
2nd Year PhD’s Student
3140105608@zju.edu.cn

2019 – 2020 Officer Listing:

Siqi Hu
President
4th Year PhD’s Student
siqihu@zju.edu.cn
Student and Community Membership
At the time of this report, there are 44 student members affiliated to the Zhejiang Univ. Chapter and there are currently about 150 students involved in the Zhejiang Univ. Optics Center for Optical and Electromagnetic Research. There must be some negligence that Hao Wu and Zhangni Qi (marked in red) were registered in Zhejiang Univ. student chapter but they are not in the name list on our chapter’s SPIE website.

<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
<th>Expected Grad Month/Year</th>
<th>SPIE Membership Expiration Date</th>
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<tr>
<td>Qin Tan</td>
<td><a href="mailto:siqihu@zju.edu.cn">siqihu@zju.edu.cn</a></td>
<td></td>
<td></td>
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<tr>
<td>Wenbin Huang</td>
<td><a href="mailto:21860098@zju.edu.cn">21860098@zju.edu.cn</a></td>
<td></td>
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<tr>
<td>Hongyu Fei</td>
<td><a href="mailto:21860122@zju.edu.cn">21860122@zju.edu.cn</a></td>
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<tr>
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<td>June 2021</td>
<td>5/5/2020</td>
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<tr>
<td>Runze Chen</td>
<td><a href="mailto:chrz@zju.edu.cn">chrz@zju.edu.cn</a></td>
<td>March 2021</td>
<td>25/5/2020</td>
</tr>
<tr>
<td>Chao Fei</td>
<td><a href="mailto:feichaofzu@zju.edu.cn">feichaofzu@zju.edu.cn</a></td>
<td>June 2020</td>
<td>8/5/2020</td>
</tr>
<tr>
<td>Hongyu Fei</td>
<td><a href="mailto:19858118660@163.com">19858118660@163.com</a></td>
<td>March 2021</td>
<td>19/5/2020</td>
</tr>
<tr>
<td>Tingbiao Guo</td>
<td><a href="mailto:tbguo@zju.edu.cn">tbguo@zju.edu.cn</a></td>
<td>June 2020</td>
<td>25/5/2020</td>
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<tr>
<td>Zewei He</td>
<td><a href="mailto:hezewei0707@163.com">hezewei0707@163.com</a></td>
<td>June 2023</td>
<td>30/4/2020</td>
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<tr>
<td>Nan He</td>
<td><a href="mailto:henan@zju.edu.cn">henan@zju.edu.cn</a></td>
<td>June 2022</td>
<td>1/5/2020</td>
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<tr>
<td>Siqi Hu</td>
<td><a href="mailto:siqihu@zju.edu.cn">siqihu@zju.edu.cn</a></td>
<td>June 2021</td>
<td>25/4/2020</td>
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<tr>
<td>Wenbin Huang</td>
<td><a href="mailto:huangwenbin@zju.edu.cn">huangwenbin@zju.edu.cn</a></td>
<td>March 2021</td>
<td>19/5/2020</td>
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<tr>
<td>Xiaogang Jiang</td>
<td><a href="mailto:xiaogang@zju.edu.cn">xiaogang@zju.edu.cn</a></td>
<td>June 2020</td>
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<tr>
<td>Jiang Li</td>
<td><a href="mailto:lijiangcoer@zju.edu.cn">lijiangcoer@zju.edu.cn</a></td>
<td>June 2020</td>
<td>25/4/2020</td>
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<tr>
<td>Shuo Li</td>
<td><a href="mailto:lesliesmiling@163.com">lesliesmiling@163.com</a></td>
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<td>25/5/2020</td>
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<tr>
<td>Huaguan Lin</td>
<td><a href="mailto:hgcocol@163.com">hgcocol@163.com</a></td>
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<td>Zhenchao Liu</td>
<td><a href="mailto:lzc_archer@163.com">lzc_archer@163.com</a></td>
<td>June 2023</td>
<td>19/5/2020</td>
</tr>
<tr>
<td>Dajian Liu</td>
<td><a href="mailto:21630025@zju.edu.cn">21630025@zju.edu.cn</a></td>
<td>June 2021</td>
<td>25/5/2020</td>
</tr>
<tr>
<td>Tianheng Lu</td>
<td><a href="mailto:21730077@zju.edu.cn">21730077@zju.edu.cn</a></td>
<td>March 2020</td>
<td>19/5/2020</td>
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<tr>
<td>Wanming Luo</td>
<td><a href="mailto:3160104436@zju.edu.cn">3160104436@zju.edu.cn</a></td>
<td>July 2020</td>
<td>25/5/2020</td>
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<tr>
<td>Peng Luo</td>
<td><a href="mailto:luopeng_online@163.com">luopeng_online@163.com</a></td>
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<td>25/5/2020</td>
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<tr>
<td>Huijin Shen</td>
<td><a href="mailto:1419487185@qq.com">1419487185@qq.com</a></td>
<td>March 2021</td>
<td>19/5/2020</td>
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<tr>
<td>Kezhang Shi</td>
<td><a href="mailto:kezhang-shi@zju.edu.cn">kezhang-shi@zju.edu.cn</a></td>
<td>June 2021</td>
<td>25/4/2020</td>
</tr>
<tr>
<td>Yufu Song</td>
<td><a href="mailto:songyufu2013@126.com">songyufu2013@126.com</a></td>
<td>March 2020</td>
<td>26/4/2020</td>
</tr>
<tr>
<td>Lei Sun</td>
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<td>17/8/2020</td>
</tr>
<tr>
<td>Ying Tan</td>
<td><a href="mailto:11530025@zju.edu.cn">11530025@zju.edu.cn</a></td>
<td>June 2020</td>
<td>7/5/2020</td>
</tr>
<tr>
<td>Qin Tan</td>
<td><a href="mailto:tanqin@zju.edu.cn">tanqin@zju.edu.cn</a></td>
<td>June 2023</td>
<td>19/5/2020</td>
</tr>
<tr>
<td>Lei Wang</td>
<td><a href="mailto:le1wang@zju.edu.cn">le1wang@zju.edu.cn</a></td>
<td>March 2021</td>
<td>19/5/2020</td>
</tr>
<tr>
<td>Chunzhou Wu</td>
<td><a href="mailto:chunzhouwu@163.com">chunzhouwu@163.com</a></td>
<td>March 2020</td>
<td>1/5/2020</td>
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<td>Xun Wu</td>
<td><a href="mailto:1937114831@qq.com">1937114831@qq.com</a></td>
<td>March 2022</td>
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<td>Kaite Xiang</td>
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<td>15/8/2020</td>
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<tr>
<td>Liuja Xie</td>
<td><a href="mailto:19858126081@163.com">19858126081@163.com</a></td>
<td>March 2021</td>
<td>19/5/2020</td>
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<tr>
<td>Yuanyou Xu</td>
<td></td>
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<td>22/6/2020</td>
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<tr>
<td>Zhaoxin Yu</td>
<td><a href="mailto:yuzhaoxin@zju.edu.cn">yuzhaoxin@zju.edu.cn</a></td>
<td>March 2020</td>
<td>26/4/2020</td>
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<tr>
<td>Yijing Zhang</td>
<td><a href="mailto:935404542@qq.com">935404542@qq.com</a></td>
<td>March 2021</td>
<td>19/5/2020</td>
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<tr>
<td>Haodong Zhang</td>
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<td>March 2022</td>
<td>25/5/2020</td>
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<td>Yuechen Zhu</td>
<td><a href="mailto:zhuyuechen@zju.edu.cn">zhuyuechen@zju.edu.cn</a></td>
<td>June 2021</td>
<td>19/5/2020</td>
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<td>Lejia Hu</td>
<td><a href="mailto:lejiahu@zju.edu.cn">lejiahu@zju.edu.cn</a></td>
<td>June 2021</td>
<td>7/11/2020</td>
</tr>
<tr>
<td>Jia Guo</td>
<td><a href="mailto:guojia@ioe-zju.org">guojia@ioe-zju.org</a></td>
<td>June 2021</td>
<td>8/11/2020</td>
</tr>
<tr>
<td>Xiangdong Zhou</td>
<td><a href="mailto:zhoudx_opt@zju.edu.cn">zhoudx_opt@zju.edu.cn</a></td>
<td>June 2022</td>
<td>9/11/2020</td>
</tr>
<tr>
<td>Tengfei Ma</td>
<td><a href="mailto:cnmatt@gmail.com">cnmatt@gmail.com</a></td>
<td>March 2021</td>
<td>11/18/2020</td>
</tr>
<tr>
<td>Chenglong Lu</td>
<td><a href="mailto:992683850@qq.com">992683850@qq.com</a></td>
<td>March 2022</td>
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<tr>
<td>Mubin He</td>
<td><a href="mailto:mbhe@zju.edu.cn">mbhe@zju.edu.cn</a></td>
<td>June 2023</td>
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<tr>
<td>Ji Du</td>
<td><a href="mailto:421175987@qq.com">421175987@qq.com</a></td>
<td>March 2021</td>
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</tr>
<tr>
<td>Yuan Wang</td>
<td><a href="mailto:851663016@qq.com">851663016@qq.com</a></td>
<td>June 2024</td>
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<tr>
<td>Hao Wu</td>
<td><a href="mailto:21830023@zju.edu.cn">21830023@zju.edu.cn</a></td>
<td>June 2023</td>
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<tr>
<td>Zhangni Qi</td>
<td><a href="mailto:qizhangni@zju.edu.cn">qizhangni@zju.edu.cn</a></td>
<td>March 2021</td>
<td>25/5/2020</td>
</tr>
</tbody>
</table>

Activities Report

Academic education activities
Organizer: Siqi Hu
19/5/2019
Zhejiang Univ. Yuquan Campus
Participants: citizens of Hangzhou especially children who have interest in optics
Cost: $210
We advertised and held optical educational activities to involve citizens of Hangzhou especially children who have interest in optics to join in simple optical experiments and get to know about laboratory products.
Academic lectures
We invited 8 scientific researchers, include doctor, postdoctor, assistant professor and professors. Here are the list of the dates and names of the reporters and some pictures.

1. Speaker: Junjia Wang, Postdoctor of University of Cambridge
   1/3/2019
   Zhejiang Univ. Zijingang Campus
   Participants: students members of SPIE and other students also welcomed

2. Speaker: Vinod M. Menon, Professor of City University of New York
   1/17/2019
   Zhejiang Univ. Zijingang Campus
   Participants: students members of SPIE and other students also welcomed

3. Speaker: Junle Qu, Professor of Shenzhen University
   3/17/2019
   Zhejiang Univ. Zijingang Campus
   Participants: students members of SPIE and other students also welcomed

4. Speaker: Cheng Wang, Assistant Professor of City University of Hong Kong
   4/22/2019
   Zhejiang Univ. Zijingang Campus
   Participants: students members of SPIE and other students also welcomed

5. Speaker: Cees Ronda, Professor of Zhejiang University and Philips Research
   5/10/2019
   Zhejiang Univ. Zijingang Campus
   Participants: students members of SPIE and other students also welcomed

6. Speaker: Huan Li, Doctor of University of Washington
   5/16/2019
   Zhejiang Univ. Zijingang Campus
   Participants: students members of SPIE and other students also welcomed

7. Speaker: Jin Liu, Professor of Sun Yat-Sen University
   6/13/2019
   Zhejiang Univ. Zijingang Campus
   Participants: students members of SPIE and other students also welcomed

8. Speaker: Dan Zhu, Professor of Huazhong University of Science and Technology
   6/17/2019
   Zhejiang Univ. Zijingang Campus
   Participants: students members of SPIE and other students also welcomed

Cost: $230
Annual Youth Outreach Activity with Change High School
Organizer: Siqi Hu
6/8/2019
Zhejiang Univ. Zijingang Campus
Participants: our student club and students from Changhe High School
Cost: $530
Through last five years’ cooperation, the outreach activity between our student club and the Changhe High School received more recognition from both sides. This year, the summer camping activity was held on July 8th and nearly 70 high school students were invited to attend the camp. Ten chapter members together with other two students from our research institute took part in the activity and started the preparation two weeks before their arrival.
Team building
Organizer: members of SPIE student chapter and our student club
Twice a year, 5/17/2019 and 9/1/2019
Zhejiang Univ. Zijingang Campus, Yuquan Campus and Zhijiang Campus
Participants: student members of SPIE
Cost: $260
In order to bond the chapter members tightly, our chapter arranged outside activities for our members. To keep our body in shape, our chapter organized a hiking from Yuquan Campus to Zhijiang Campus on May 17th. We preferred to keep health
in a relaxing way such as going hiking rather than to be drowned in the work. After over 7 hours’ hiking, we were almost exhausted but saw a great view, tightly connected with nature. The road ahead was tough but if we hold straight to the end, we would get paid. Shaping body and cultivating strong will are as important as pursuing academic achievements. This was one of the lessons we learned.

Besides, in consideration of the time conflict between the members, we organized another trip to the Yulong Snow Mountain. Walking to the top of the mountain was tough though, setting us free from fussy and complicated research work. Beauty is essentially a form of energy, and we also learned the charm of persistence and the importance of support between each other while going to the destination.
Academic communication meeting in Ningbo University
Organizer: Ningbo Univ. student chapter
4/12/2019
Ningbo Univ.
Participants: Siqi Huang Qin Tan
Cost: $90
Our president and vice-president accepted invitation of the SPIE president of Ningbo University student chapter and attended the communication meeting on 12th April. We visited their laboratory and gave a report on the meeting. We build a strong friendship between our chapter and theirs, which is of important significance that we may have more cooperation between our labs and chapters in the future.
Tour to LASER World of PHOTONICS CHINA
Organizer: SPIE and OSA student chapter
3/21/2019
Shanghai
Participants: student members of SPIE and OSA
Cost: $230

LASER World of PHOTONICS CHINA is the leading photonics exhibition in China, which is held in Shanghai. It gave us an opportunity to gain insights into the latest technologies and applications in industry.
## Treasurer’s Report

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## Conclusions and Recommendations
This year, our chapter branched out and was able to communicate better with other departments. We look forward to holding more professional development workshop and communicate more with other SPIE student chapters next year. It’s a good way to record the growth process of our student chapter and attract other students by maintaining our Wechat official accounts. However, we have negative ending balance continuously for two years. Maybe we could make more concise budget before carrying out each activity and try our best to save the funds.

**Planned Activity in the Future**

1. Elect new chapter officers and recruit new members.
2. Organize new exciting activities.
   a) We are going to hold some activities among high school students about optics and electronics, sharing science with them, helping them build interests in science and nature. This is also a tradition for our chapters activity, which will not only benefit the high school students but also our chapter members. Therefore, we will keep this event in the following year.
   b) In order to broaden the vision of current members and attract the potential new members, we are going to invite lecturers to give a presentation in our research institute.
   c) The chapter will organize a visit to LASER World of PHOTONICS CHINA, which is the leading photonics exhibition in China held in Shanghai. It will give us an opportunity to gain insights into the latest technologies and applications in industry. We hold this every this because there are many new members join us and we bring different members every time.
3. Team building
   a) Happy hour salon got good valuation this year and is expected to be continued in the following year. The environment is harmonious and cozy, which is enjoyable and favored by our members.
   b) In order to bond the chapter members tightly and keep our body in shape, our chapter will keep on organizing outdoor activities for members.
4. Publicity
   Maintaining our website. Keep it updated with events and activities we hosts to attract more people’s attention and participation. As the Wechat in China is prevalent, we have built a Wechat official account to propagandize our COER, and some of the chapter activity notifications are also pushed on the Wechat official account. We have combined our publicity with our whole COER, so as to attract more students, especially the undergraduate students.