SPIE Student Chapter Annual Report

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

October, 2017

2017 Chapter Officers

President        Yuechao Yang  13718986843@163.com
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Secretary        Wu Sun         sunwuhit@163.com
Treasurer        Jingze Yuan    yuanjz0826@163.com

Student Chapter Members

<table>
<thead>
<tr>
<th>Prefix</th>
<th>FirstName</th>
<th>LastName</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ms.</td>
<td>Tongxue</td>
<td>Zhou</td>
<td><a href="mailto:zhouzongxue1992@163.com">zhouzongxue1992@163.com</a></td>
</tr>
<tr>
<td>Ms.</td>
<td>Chao</td>
<td>Dong</td>
<td><a href="mailto:maoming_s@163.com">maoming_s@163.com</a></td>
</tr>
</tbody>
</table>
Time: March 24th, 2017  
Place: The primary school of Fangniugou, Nong’an County, Changchun  
Activity: Outreach-Seed of Light

As a traditional outreach activity, we continued to organize an outreach, whose name was “Seed of Light”. SPIE CIOMP student chapter cooperated with OSA CIOMP student chapter, and volunteers from the two chapters gave the students a wonderful science lecture. Fangniugou is a poor region. We spread not only the optical knowledge but also our love to the students.

Accounts:

<table>
<thead>
<tr>
<th>Items</th>
<th>Money amount ($)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optics Outreach Kits</td>
<td>90</td>
<td>Some instrument like magnifying glass, periscope, and telescope and so on were used to demonstrative experiment.</td>
</tr>
<tr>
<td>Item</td>
<td>Cost</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------</td>
<td>------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>Water</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Transportation expenses</td>
<td>200</td>
<td>Take our volunteers shuttled from the destination and our institute.</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>300</strong></td>
<td></td>
</tr>
</tbody>
</table>
Time: May, 2017  
Place: Changchun Institute of Optics, Fine Mechanics and Physics  
Activity: Science Popularization Activity

We organized a science popularization activity whose theme was “The popular science of CIOMP” in May. The activity aimed at spreading science knowledge to more and more people. The type of entries included videos and articles about the research of CIOMP. The event was strongly supported by the Science Promotion Association of CIOMP.

Accounts:

<table>
<thead>
<tr>
<th>Items</th>
<th>Money amount ($)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Posters</td>
<td>100</td>
<td>The posters were posted in different places in our Institute to absorb entrants.</td>
</tr>
<tr>
<td>Total</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>
On July 19th 2017, Professor Aydogan Ozcan, who is elected Fellow of SPIE, OSA, IEEE, AIMBE, RSC and the Guggenheim Foundation, and is a Lifetime Member of AAAS, SPIE and OSA, visited Changchun Institute of Optics, Fine Mechanics and Physics, and had met with SPIE/OSA Student Chapters members in our institute. At the beginning, Professor Aydogan Ozcan gave a wonderful report about his research. And then Professor Aydogan Ozcan discussed with student chapter members about the "Light Conference" activities and other topics. Aimed at SPIE/OSA student chapter development in future, Professor Aydogan Ozcan suggested that we should carry out more diverse optical themed activities and actively seek chance to cooperate with other student chapters at home and abroad. Many students discussed with professor warmly, and Professor Aydogan Ozcan also answered all of the problems earnestly. At last, talks ended in a warm communication atmosphere.

### Accounts:

<table>
<thead>
<tr>
<th>Items</th>
<th>Money amount ($)</th>
<th>Remarks</th>
</tr>
</thead>
</table>

Time: July 19th, 2017  
Place: Researching Building, Meeting Room  
Activity: A report by Professor Aydogan Ozcan
The posters were posted in different places in our Institute to absorb more audience besides our chapter members.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Posters</td>
<td>100</td>
<td>Total</td>
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<td>Water</td>
<td>15</td>
<td>115</td>
</tr>
<tr>
<td></td>
<td></td>
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</table>
**Time:** September 3rd, 2017  
**Place:** Jilin Province Science and Technology Culture Center  
**Activity:** Jilin Province Science & Technology Culture Center visiting

On September 3rd, all the student members of our chapter visited Jilin Province Science & Technology Culture Center, and meanwhile, OSA CIOMP student chapter members and some pupils from different schools were invited to take part in the activity. China Optical science & technology Museum, Jilin Province museum, Jilin Province science & technology museum are all located in this center.  
We took most of the time in the science & technology museum, because we really enjoyed ourselves while everyone can experience different scientific phenomena and learn about lots of knowledge. People were attracted by multiple areas concentrating on various subjects, such as light, force, electronics, sound, aerospace, computer, automobile manufacturing, ecological. Maybe we can offer volunteer service for the public and teach them something interesting.

**Accounts:**

<table>
<thead>
<tr>
<th>Items</th>
<th>Money amount ($)</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>Posters</td>
<td>80</td>
<td>The posters were posted in different places in our Institute to absorb more audience besides our chapter members.</td>
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<tr>
<td>Water</td>
<td>20</td>
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</tr>
<tr>
<td>Transportation expenses</td>
<td>150</td>
<td>Take our entire members and pupils shuttled from the destination and our institute.</td>
</tr>
<tr>
<td>Total</td>
<td>250</td>
<td></td>
</tr>
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Time: September 23rd, 2017  
Place: Changchun Institute of Optics, Fine Mechanics and Physics  
Activity: CIOMP Public Day  

On September 23rd, our chapter members cooperated with CIOMP on organizing CIOMP Public Day. Volunteers from our chapter prepared for enormous demonstrations about optics and photonics. We designed posters and displayed boards for the whole event, and offered enthusiastic service.
A variety of cameras, telescopes, microscope, 3D printing machine, laser engraving machine were open to the public, and they all attracted the public's attention. Also, hundreds of students from nearby schools received an invitation to our report about optical knowledge.

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<table>
<thead>
<tr>
<th>Items</th>
<th>Money amount ($)</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>Posters</td>
<td>120</td>
<td>The posters were posted in different places in our Institute to absorb audience.</td>
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<tr>
<td>Water</td>
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</tr>
<tr>
<td>Total</td>
<td>150</td>
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Financial information:
Beginning balance: $90
Details of SPIE funding received: $900
Other funding sources (please specify): We got financial support which was used for some gifts and taxi fare in some activities from the Science Promotion Association of CIOMP. It's about $200. We applied for reimbursement with some relevant receipts.
Funds raised and expended: All are described in this report.
Ending balance: $75

Postscript: I apologize for the fact that some activities organized this year were not described in my funding request. We hope that we can organize more and more similar activities described in this report in the future. We got support including human and financial resources from the Science Promotion Association of CIOMP in some activities. Thanks for their help!