Officers

Current Officers
(appointed March 2008)

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Joseph Herzog</td>
<td><a href="mailto:jherzog1@nd.edu">jherzog1@nd.edu</a></td>
</tr>
<tr>
<td>Vice President</td>
<td>Xiu Xing</td>
<td><a href="mailto:xxing@nd.edu">xxing@nd.edu</a></td>
</tr>
<tr>
<td>Secretary</td>
<td>Rachel Rasmussen</td>
<td><a href="mailto:rthomps4@nd.edu">rthomps4@nd.edu</a></td>
</tr>
<tr>
<td>Treasurer</td>
<td>Yu Cao</td>
<td><a href="mailto:ycao1@nd.edu">ycao1@nd.edu</a></td>
</tr>
</tbody>
</table>

Previous Officers
(March 2007 - March 2008)

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Yu Cao</td>
<td><a href="mailto:ycao1@nd.edu">ycao1@nd.edu</a></td>
</tr>
<tr>
<td>Vice President</td>
<td>Ning Su</td>
<td><a href="mailto:nsu@nd.edu">nsu@nd.edu</a></td>
</tr>
<tr>
<td>Secretary</td>
<td>Joseph Herzog</td>
<td><a href="mailto:jherzog1@nd.edu">jherzog1@nd.edu</a></td>
</tr>
<tr>
<td>Treasurer</td>
<td>Xiu Xing</td>
<td><a href="mailto:xxing@nd.edu">xxing@nd.edu</a></td>
</tr>
</tbody>
</table>

Chapter Advisor

Dr. Debdeep Jena  djena@nd.edu  Department of Electrical Engineering
## 2008 Current Members

<table>
<thead>
<tr>
<th>Name</th>
<th>Due renewal date</th>
<th>Department</th>
<th>Student Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yu Cao</td>
<td>31 January 2009</td>
<td>EE</td>
<td>Grad Student</td>
</tr>
<tr>
<td>Yang Fang</td>
<td>28 February 2009</td>
<td>EE</td>
<td>Grad Student</td>
</tr>
<tr>
<td>Yan He</td>
<td>30 September 2008</td>
<td>EE</td>
<td>Grad Student</td>
</tr>
<tr>
<td>Joseph Herzog</td>
<td>31 March 2009</td>
<td>EE</td>
<td>Grad Student</td>
</tr>
<tr>
<td>Rachel Rasmussen</td>
<td>30 April 2009</td>
<td>Chem and Bio-Chem</td>
<td>Grad Student</td>
</tr>
<tr>
<td>Amol Singh</td>
<td>31 May 2009</td>
<td>EE</td>
<td>Grad Student</td>
</tr>
<tr>
<td>Kristof Tahy</td>
<td>31 May 2009</td>
<td>EE</td>
<td>Grad Student</td>
</tr>
<tr>
<td>Kejia Wang</td>
<td>31 May 2009</td>
<td>EE</td>
<td>Grad Student</td>
</tr>
<tr>
<td>Xiu Xing</td>
<td>31 March 2009</td>
<td>EE</td>
<td>Grad Student</td>
</tr>
<tr>
<td>Yanghai Yu</td>
<td>28 February 2009</td>
<td>Chem &amp; Biomolec. Eng</td>
<td>Grad Student</td>
</tr>
</tbody>
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1 Treasurer  
2 President  
3 Secretary  
4 Vice-President  

Joseph Herzog • email: jherzog1@nd.edu • www.nd.edu/~spie
History

In January 2004, the SPIE student chapter at the University of Notre Dame began with three members. Since then, the Notre Dame Student Chapter has been bringing together students of multiple disciplines to come together to share our common interest in optics. Many opportunities have been available for our members to share their knowledge, experience and personal interest. In February 2008, the new officers listed above were appointed.

ACTIVITIES OF THE YEAR

June 9, 2007 - Summer Barbeque and Social (Indiana Dunes, IN)

Every Summer, the Notre Dame SPIE student chapter has an annual trip to Lake Michigan to enjoy the warm summer weather in northern Indiana. This year was very well attended, more than 10 members showed up at the Indiana Dunes State Park for food, sun, and socializing.
August 25 - 30, 2007 - SPIE leadership workshop and annual conference (San Diego, CA)

The Notre Dame student chapter was awarded the Officer Travel Grant for 2007 and sent two officers to the leadership workshop and the SPIE annual conference in San Diego, CA. Joseph Herzog (2007 Secretary) and Xiu “Nancy” Xing (2007 Treasurer) both were funded with the Officer Travel Grant to attend these activities. Joseph Herzog was appointed as the travel grant applicant and used the funding to support both him and Nancy.

The leadership workshop was very informative and benefited both officers in their personal career goals, but more importantly has inspired more outreach and event ideas for our chapter. Also at the leadership workshop social networks were created that led to the SPIE Midwest / Chicago conference which took place in November of this year.

Joseph also presented at the SPIE conference (Infrared reflectivity spectroscopy of optical phonons in short-period AlGaN superlattices), and benefited from the free course at the SPIE conference. He learned much in his free course, the Nanophotonics course taught by Paras Prasad along with the many other complimentary student courses offered during the workshop including how to give good presentation and how to write a journal article.
November 10, 2007 - SPIE Midwest/Chicago Conference (Northwestern University, IL)

After the connection was made with Pao-Tai Lin at the leadership workshop in San Diego, Pao-Tai contacted our student chapter to participate in the SPIE Midwest / Chicago Conference.

Most of our members attended this conference. We rented a van to bring members to the event and had three members give talks at the conference and three members present posters.
February 5, 2008 - Welcome Meeting and Seminar  
(Notre Dame, IN)

At the beginning of each year we like to have a welcome meeting to recruit more members. This meeting was probably one of the largest SPIE meeting we have ever had. Over 30 people showed up. At the meeting we gathered contact information from these potential new members. Attendance spanned many departments: Electrical Engineering, Aerospace and Mechanical Engineering, Computer Science, Environmental Engineering and Geological Science, BioChemistry, and Chemistry. Free food was provided to everyone and probably helped created the large attendance.

Also contributing to the high attendance was our guest speaker Dr. Kuno from Notre Dame’s Chemistry department. He gave a talk on his research titled “An Overview of Solution Based Semiconductor Nanowires.” These materials are studies optically and exhibit unique optical properties.

March 19, 2008 - EE tea sponsored by Notre Dame SPIE  
(Notre Dame, IN)

Every week the Electrical Engineering Department host a tea which is usually sponsored by the department. Notre Dame’s SPIE student chapter decided in order to make the university more aware of the SPIE activities, to host the tea. Food was free for current SPIE member, but non-members had to pay for food to defray some of the cost. Also SPIE members from other departments joined the EE in the social event.
Outreach

Five foot tall SPIE posters have been on display all year at in the halls outside the Electrical Engineering department. These posters contain information about the Notre Dame SPIE student chapter including activities and contact information.
Future Planned Activities

Starting this summer 2008:

- Journal club/informal presentation of labs around campus (monthly)
- SPIE sponsored EE tea/BBQ
- SPIE field-trip (Michigan or Northwestern)
- BBQ at Lake Michigan Beach
- SPIE annual conference (San Diego)
- poker tournament

Fall 2008

- welcome meeting, first month back to school
- continue monthly presentations
- photo contest
Finances

Beginning Balance as of January 15, 2007:
$433.70

Funds raised and expended:
$1700 raised from SPIE
approximately $1900 expended on our activities and SPIE leadership workshop travel costs

Details of SPIE funding received:
$700 from SPIE for student chapter activities
$1000 Officer Travel Grant

Other sources -- None

Ending balance: ~$233.70