Executive Summary:

The UAH (University of Alabama in Huntsville) Chapter was established in January 2005. The purpose of the UAH Chapter is to support optics students by providing valuable academic resources, facilitating career development through networking opportunities, and representing the study of light to the public.
This year, our chapter organized several chapter meetings to discuss about the chapter management and to introduce more students join our chapter. We had an invited lecture focused on fiber-based humidity sensor given by an associate professor from China Jiliang University. We also held an election meeting to elect the new officers for 2020.

Contact Information:

For general questions about our chapter, please email our chapter advisor, Junpeng Guo, at junpeng.guo@uah.edu.

2018 - 2019 Officer Listing:

Junpeng Guo
Chapter Advisor
Professor
junpeng.guo@uah.edu

2019 – 2020 Officer Listing:

Jinnan Chen
President
PhD student
jc0082@uah.edu

Hemang Jani
Vice President
PhD student
hj0004@uah.edu

Srikamal Jaganraj Soundararajan
Secretary
PhD student
ss0109@uah.edu

Rui Zhou
Treasurer
PhD student
rz0006@uah.edu

Nabil Hoque
Vice President
PhD student
nh0014@uah.edu

Srikamal Jaganraj Soundararajan
 Secretary
PhD student
ss0109@uah.edu

Hemang Jani
Treasurer
PhD student
hj0004@uah.edu
Student and Community Membership

At the time of this report, there are 12 student members affiliated to the UAH chapter.

<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
<th>Expected Grad Month/Year</th>
<th>SPIE Membership Expiration Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sahar Ansar Nouri</td>
<td><a href="mailto:sn0020@uah.edu">sn0020@uah.edu</a></td>
<td>6/12/2020</td>
<td></td>
</tr>
<tr>
<td>Dipenkumar Barot</td>
<td></td>
<td></td>
<td>6/12/2020</td>
</tr>
<tr>
<td>Jinnan Chen</td>
<td><a href="mailto:jc0082@uah.edu">jc0082@uah.edu</a></td>
<td>8/26/2020</td>
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<tr>
<td>Yuhang Dong</td>
<td><a href="mailto:yd0009@uah.edu">yd0009@uah.edu</a></td>
<td>6/11/2020</td>
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<tr>
<td>Zhuoran Gan</td>
<td></td>
<td>6/10/2020</td>
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</tr>
<tr>
<td>Hemang Jani</td>
<td><a href="mailto:hj0004@uah.edu">hj0004@uah.edu</a></td>
<td>10/9/2020</td>
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<tr>
<td>Samantha Johnson</td>
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<td></td>
<td>2/2/2020</td>
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<td>Adam Mansor</td>
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<td>10/15/2020</td>
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<tr>
<td>Srikamal Jaganraj Soundararajan</td>
<td><a href="mailto:ss0109@uah.edu">ss0109@uah.edu</a></td>
<td>6/12/2020</td>
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<tr>
<td>Xingjian Wang</td>
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<td>6/17/2020</td>
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<tr>
<td>Rui Zhou</td>
<td><a href="mailto:rz0006@uah.edu">rz0006@uah.edu</a></td>
<td>6/11/2020</td>
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<tr>
<td>Nabil Hoque</td>
<td><a href="mailto:nh0014@uah.edu">nh0014@uah.edu</a></td>
<td>11/13/2020</td>
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Activities Report

Student Chapter Monthly Meeting
Organizer: Jinnan Chen, President; Hemang Jani, Vice President
Date/Time/Location: January through November, monthly, in UAH OPB 400
Participants: around 10 students every time
Cost: $190 (For snacks and refreshments.)

Our chapter members discussed their research work and shared ideas with each other. Also, our members planned about the outreach event next year with local high school students. And our members will introduce SPIE to other both undergraduate students and graduate students, to let more students get connected to optics and photonics, as well as to enlarge our chapter.
Officer Travel and Presentation
Organizer: Jinnan Chen, President
Speaker: Jinnan Chen
Date/Time/Location: Aug 11-15, 2019, San Diego, CA, USA

Our chapter president, Jinnan Chen, attended SPIE Optics + Photonics 2019. He presented his own research in the meeting, also presented our chapter poster and participated several leadership workshops.

Invited Lecture
Organizer: Jinnan Chen, President
Speaker: Kai Ni, Associate Professor at China Jiliang University
Date/Time/Location: Sep 6, 2019, in UAH OPB 400
Participants: 8 students
Cost: $68 (For pizza.)

Dr. Kai Ni is an associate professor from China Jiliang University and is now a visiting scholar in UAH. His research mainly focused on optic fiber sensor and fiber Bragg grating (FBG) sensor sensing systems and their real applications. We invited him to give us a speak about his recent research, which is a thin-core fiber based fast responding humidity sensor. Students, mainly PhD students joined us and discussed with Dr. Ni about some related optical topics.
**Student Chapter Election Meeting**  
**Organizer:** Jinnan Chen, President; Rui Zhou, Treasurer  
**Date/Time/Location:** November 1, 2019, 11:30 am-12:30 pm, in UAH OPB 400  
**Participants:** 8 students  
**Cost:** $60 (For pizza.)

We hold a meeting to elect the new officers for our chapter. We collected nominee's names through email before the meeting and did a headcount in the meeting to determine our new chapter officers for 2020.

**Treasurer’s Report**

<table>
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<tr>
<th>Date</th>
<th>Description</th>
<th>Notes</th>
<th>Credit (Income)</th>
<th>Debit (Expenses)</th>
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**Conclusions and Recommendations**

This year, our chapter held several activities successfully. We look forward to holding a professional development workshop next year on career development and inviting other students to join us. We are also planning to organize an outreach activity to introduce optics and photonics into middle/high school students.