2018 – 2019 Annual Report

Elected officers for September 2018 – September 2019

President
Stefan Gausmann
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Vice president
Sanaz Faryadras
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Treasurer
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Secretary
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SPIE ID: 3633684

Webmaster
Weiyu Chen
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Student Chapter Members (37)

Kamal Abdelsalam
Ali Abdulfattah
Arielle Adams
Maliha Arif
Sepehr Benis
Robert Bernson
Aritra Biswas
Weiyu Chen
Justin Cook
Derek Daniels
Sanaz Faryadras
Nicolette Fudala
Fangwang Gou
Robert Grimming
A F M Saniul Haq
Isa Hatipoglu
Ziqian He
Mohammad Jobayer Hossain
Yuge Huang
Matthew Kalinowski
Christopher Kelley
Samuel Knight
Fedor Kompan
Nicholas Kosan
Cesar Lopez Zelaya
Teodor Malendevych
Ricardo Martinez Martinez
Patrick Romayah
Rachel Sampson
Larry Schneider
Yangyang Sun
Guanjun Tan
Jialei Tang
Cameron Vo
Tao Zhan
Zheyuan Zhu
Nicholas Zollo
Kamal Abdelsalam
Ali Abdulfattah
Arielle Adams
Maliha Arif
Sepehr Benis
Robert Bernson
Aritra Biswas
Weiyu Chen
Justin Cook
Alumni Members (36)

Brian Anderson  
Adela Apostol  
Melissa Beason  
Casey Boutwell  
Radu Bunea  
Ozan Cakmakci  
Jiyeon Choi  
Burdley Colas  
Mark Conlon  
Colin Constant  
Aaron Coville  
Abdullah Demir  
Jennefir Digaum  
Alexander Dillard  
Jeremy Ellis  
Simi George  
Nicholas Harris  
James Harvey  
Sihui He  
Apurva Jain  
Jeffrey Jennings

Clémence Jollivet  
Yun-Han Lee  
Yi-Hsin Lin  
Timothy McComb  
Panomsak Meemon  
Christopher Middlebrook  
Charles Middleton  
Brian Monacelli  
Fenglin Peng  
Mohammad Umar Piracha  
Mark Ramme  
Chaim Schwartz  
Leo Siiman  
Alex Sincore  
John Szilagyı  
Andreas Vaupel  
David Wayne  
Matthew Weed  
Charles Williams  
Christina Willis  
Daming Xu
Optics Day is an annual event in which CREOL, The College of Optics & Photonics, opens its doors to the public. This year there were optics demos, lab tours, and talks from faculty members. 50 elementary school students came to experience the demos and tours in the morning, followed by over 50 attendees from the general public.
As a funding provider of the IONS Conference at University of Central Florida, SPIE had a booth at the career fair which was held on campus on March 12, 2019. We had our SPIE student chapter officers present at the booth talking to the attendees and distributing promotional items. Also, SPIE received recognition in the following forms during the IONS conference:

Logo in the program
Logo on the conference t-shirt
Logo on the sponsor and refreshment banners
Seminars

**Faculty Talk Series: “Find the opportunity – strategies to overcome adversity throughout your career” by Anoopoma Bhowmik, Senior Project Manager & ELP Supervisor, Edmund Optics**

Anoopoma Bhowmik, the Senior Project Manager & ELP Supervisor at Edmund Optics visited CREOL on March 12 and gave a talk to our community covering the topics:

- **Committing** to an opportunity (how to handle imposter syndrome)
- **Contributing** an opportunity (how to lead an initiative from concept to completion)
- **Creating** opportunity for yourself and others (networking & mentoring)

The seminar attracted very good attention from the CREOL faculty and students and very good feedback was reported to the event organizers.
Faculty Talk Series: "CREOL, The College of Optics and Photonics: The Early Days" by MJ Soileau

Thirty-two years ago the Florida Legislature appropriated $1,500,000 of annual funds to establish CREOL as the nation’s third comprehensive research and education program in optics and lasers. UCF was still a brand new university with about 15,000 students and two PhD programs, and none in the basic sciences. CREOL was allocated a suite of three offices and a double wide mobile home for labs. Fast forward to the present we find CREOL with 35-core faculty, over 100 PhD level scientist and engineers, and 300 students. Meanwhile UCF has grown to over 68,000 students, 13-colleges, over 100 degree programs, and is even challenging the status quo among big time college football, finishing in the Top 10 two years in a row. How that happened will be discussed.

Picture from SPIE 2015
Fall Picnic

The CREOL annual Fall Picnic is a big event put on by the various student chapters at CREOL. Outdoor games, grilling food, and enjoying the fall weather! Undergraduate students, graduate students, faculty, and staff all came out for a great time with the CREOL family.
CREOL Social Hours

February 15, 2019

The SPIE Student Chapter, along with collaboration from other CREOL student chapters, host social hours throughout the year to bring students together. These include snacks, beverages, board/card/video games, and a relaxed atmosphere. We also utilize these social hours to inform students of SPIE’s activities and garner new members or volunteers for events. The CREOL/SPIE Social Hours are a long-standing favorite for the close-knit graduate student community at CREOL, with well over 40 attendees at each event.

SPIE Social Hour in Celebration of the International Day of Light

May 16, 2019

The SPIE Student Chapter and the Women in Lasers and Optics (WiLO) student chapter organized a social hour on May 16th to recognize and celebrate the field of Optics & Photonics at CREOL.
Planned activities for next year:

The new SPIE chapter have had their first meeting and has discussed the plans listed below:

September 2019 - November 2019

- Faculty talks: Dr. Michael Chini from the physics department at UCF
- Fall picnic: first week of November at Lake Claire at UCF

November 2019 – August 2020

- SPIE Optics Contest /Social I
- SPIE Industry Tour: Ocean Optics in Orlando
- Travelling lecturer: TBD
- SPIE short course on Topological Photonics by Dr. Miguel Bandres from CREOL
- SPIE Optics Contest/Social II

These are the plans for now. There are always floods of new ideas discussed during the meetings which will contribute more to the plan.
# Financial Records

Financial Records from September 2017 – July 2018

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Funding Source</th>
<th>Amount</th>
</tr>
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<tbody>
<tr>
<td>8/7/18</td>
<td>CREOL Fall Picnic [Food, Beverages, Venue]</td>
<td>SPIE Activity Grant</td>
<td>-$100</td>
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<td>11/20/18</td>
<td>Chargeback fee (donation check deposit failed)</td>
<td>SPIE Activity Grant</td>
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<td>2/15/19</td>
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<td>SPIE Activity Grant</td>
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<td></td>
<td>[Food and Beverages]</td>
<td></td>
<td></td>
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<td>5/16/19</td>
<td>International Day of Light Celebration [Food, Beverages]</td>
<td>SPIE Activity Grant</td>
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|                                |                                                      |                        |          |
|                                | ENDING BALANCE as of 08/01/2018                      |                        | $1781.45 |