Executive Summary:
Indian River State College’s SPIE Chapter, IRSCOPE, was established 11 August 2017. IRSCOPE’s goal is to advance our knowledge in light-based research and technologies while promoting future growth and furthering the understanding of our community. We hold weekly meetings and participate in several on/off campus activities.

This year, our chapter organized a tour of L3Harris Palm Bay in November. We were guided through several of their fiber optics and laser labs, giving us a sneak peek at some of the cutting edge technology they are creating. A few of our students have scheduled interviews with L3Harris and we are very excited for them!
2019 – 2020 Officer Listing:

Dr. Moamer Hasanovic
Advisor
Department Chair, Professor
mhasanov@irsc.edu

Evin Robertson
Chapter President
Chapter President
2nd Year Associates Student
Robertson.Evin@outlook.com

Nicholas Koblitz
Vice President
1st Year Associates Student
Nicholas1@outlook.com

Shaine Hayden
Secretary
2nd Year Associates Student
haydensp@mail.irsc.edu

Richard Taylor
Treasurer
2nd Year Associates Student
richardhenrytaylor@aol.com

Todd Bauer
Liaison
2nd Year Associates Student
daddystoys@hotmail.com

Contact Information:
For general questions about our chapter, please email our chapter advisor, Dr. Mo Hasnaovic
Email: mhasanov@irsc.edu
3209 Virginia Avenue
772-462-7743
### Student and Community Membership

At the time of this report, there are 16 student members affiliated to IRSC Student Chapter

<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
<th>Expected Grad Month/Year</th>
<th>SPIE Membership Expiration Date</th>
</tr>
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<tbody>
<tr>
<td>Todd Bauer</td>
<td><a href="mailto:daddystoys@hotmail.com">daddystoys@hotmail.com</a></td>
<td>May 2020</td>
<td>08/18/2020</td>
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<tr>
<td>Jacob Baussmann</td>
<td><a href="mailto:JacobRbaussmann@gmail.com">JacobRbaussmann@gmail.com</a></td>
<td>May 2020</td>
<td>08/24/2020</td>
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<td>Thomas Baytarian</td>
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<td>May 2020</td>
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<tr>
<td>Daniel Bell</td>
<td><a href="mailto:belldj1@mail.irsc.edu">belldj1@mail.irsc.edu</a></td>
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<td>Craig Blanton</td>
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<td>Kervin Exantus</td>
<td><a href="mailto:exantusk@mail.irsc.edu">exantusk@mail.irsc.edu</a></td>
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<td>Nicholas Koblitz</td>
<td><a href="mailto:nicholask1@outlook.com">nicholask1@outlook.com</a></td>
<td>May 2021</td>
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<td>Michael Macdougall</td>
<td><a href="mailto:mmacdougall@gmail.com">mmacdougall@gmail.com</a></td>
<td>May 2020</td>
<td>11/3/2020</td>
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<tr>
<td>Kyler Morehead</td>
<td><a href="mailto:kylermorehead96@gmail.com">kylermorehead96@gmail.com</a></td>
<td>May 2020</td>
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<td>Yamil Quinones-Diaz</td>
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<td>Jaharie Scarborough</td>
<td><a href="mailto:scarboroughjim@mal.irsc.edu">scarboroughjim@mal.irsc.edu</a></td>
<td>May 2020</td>
<td>08/25/2020</td>
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<tr>
<td>Richard Spencer</td>
<td><a href="mailto:richspencer71@att.net">richspencer71@att.net</a></td>
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<td>Richard Taylor</td>
<td><a href="mailto:richardhenrytaylor@aol.com">richardhenrytaylor@aol.com</a></td>
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<tr>
<td>Shaine Hayden</td>
<td><a href="mailto:haydensp@mail.irsc.edu">haydensp@mail.irsc.edu</a></td>
<td>May 2020</td>
<td>08/18/2020</td>
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Activities Report

ICALEO Conference
Date/Location: October 7-10, 2019 Rosen Center Hotel
Participants: Evin Robertson, Todd Bauer, Daniel Bell

This was our first event we participated in as a group. The International Congress on Applications of Lasers and Electro-Optics (ICALEO) Conference was a four day event that showcased advanced technologies and industry professionals from Aerospace, Biomedical, Microelectronics, and Automotive fields. This was a great experience for us to meet professionals and see industry requirements that pertained to our career interests.

ATE Principle Investigators Conference
Date/Time/Location: October 23rd – 25th, Washington D.C. Omni Shoreham Hotel
Participants: Chapter President Evin Robertson

The American Association of Community Colleges and the National Science Foundation held the 26th National ATE Principal Investigators Conference at the Omni Shoreham Hotel in Washington, DC. The conference brought together people from around the nation to focus on the critical issues related to advanced technological education. Conference attendees represented a wide variety of areas such as: information technology, engineering technology, micro- and nanotechnologies, chemical technology, biotechnology, and others. Our chapter President was awarded the Advanced Technological Education Student Award for Excellence by the National Science Foundation and brought along a tour of our capital.
Evin Robertson with his Student Project

National Air and Space Museum
October Fall Festival
Date/Time/Location: October 25th, 2019 from 6pm - 9 pm, Treasure Coast Public Safety Training Complex, Building PS-2, Bailey Auditorium
Cost: $85 (For snacks and refreshments.)

The CCG provided an evening of fright and Halloween delight for all-ages, in this family-friendly event. Costumes were encouraged for family and holiday fun. Our chapter was assigned to selling pizza and soda for the event. This opportunity gave IRSCOPE a moment to make our presence known on campus and promote our activities.

Todd and Daniel at the Fall Festival

L3Harris Tour
Organizer: Richard Spencer
Date/Time/Location: November 15th, 2019 from 1-3 pm at L3Harris Palm Bay
Participants: 16 students and 2 Professors

Rich Spencer, one of our members and L3Harris employee, organized a tour of their facilities for our club. The group met at L3Harris Technologies 1395 Troutman Blvd NE, Palm Bay, FL 32905 for a guided tour from 1 p.m. – 3 p.m. We learned about their fiber optic productions, laser etching sciences, and photonics’ research departments. Several of our students have been asked to return for interviews with L3Harris.
39th Annual Holiday Bazaar  
**Date/Time/Location:** November 16th, 8 a.m. to 3 p.m IRSC Main Campus  
**Participants:** 6 students  

A Treasure Coast holiday tradition continues as IRSC hosts the 39th Annual Holiday Bazaar. The event featured food trucks, live music, and many tables with vendors and student clubs. IRSCOPE participated in this event to raise awareness for our club and the Electronics Engineering Technology degree program.

Resume Workshop  
**Speaker:** Natalia Chekhovskaya Kearney, Laser-Tec Associate Director  
**Date/Time/Location:** November 18th, 5:30 p.m. – 7 p.m. IRSC Main Campus  
**Participants:** 19 students  

Natalia hosted a Resume and Interview workshop to prepare our members for the workforce and upcoming interviews. We went over basic structures and key components of a successful resume, interviewing plans, and follow up strategies. Sharing with us many of the obstacles she has experienced from both sides of the interviewing table gave us a unique perspective of the process. This was an incredibly helpful and inspiring event that our members will utilize for life.
Treasurer’s Report

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Conclusions:
Our chapter has had a very productive year with our revitalization process and member development. We are delighted with our members who have started their career paths and the opportunities that our chapter has created. Our events have caught the attention of many community members and future students, we look forward to engaging and helping with their paths. Our next event, on December 5th, a representative from Lawrence Livermore National Laboratory will be speaking and conducting interviews to help prepare our students and possibly secure employment after graduation. We are very hopeful and excited for the year to come.