Executive Summary:
The Univ. of Melbourne Chapter was established in 2013. The student chapter is a club affiliated with the "The Optical Society" and "SPIE", thus includes student members from both SPIE and OSA. We hold quarterly meetings and most activities on the main campus of Melbourne Univ.

The purpose of the Melbourne Univ. 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 events to strengthen the connections between our members, including an International Day of Light coffee event, two Oculus VR + coffee event.

One of the biggest challenges that our chapter faced this year is recruitment. Many of the our members graduated in 2018 and 2019. We have worked hard to keep our chapter is in good standing.

Contact Information:
For general questions about our chapter, please email our chapter advisor, Ann Roberts, at ann.roberts@unimelb.edu.au.

2018 - 2019 Officer Listing:

Giel Muller
President
3rd Year PhD Student
gmuller@student.unimelb.edu.au
He/his/his
Samira Falahatdoost
Vice President
2\textsuperscript{nd} Year PhD Student
sfalahatdoos@student.unimelb.edu.au
She/her/hers

Nastasia Bartlet
Secretary
2\textsuperscript{nd} Year Master’s Student
catani@student.unimelb.edu.au
She/her/hers

Saghar Masoomigodarzi
Treasurer
2\textsuperscript{nd} Year PhD Student
smasoomigoda@student.unimelb.edu.au
She/her/hers

2019 – 2020 Officer Listing:

Yang Xu
President
2\textsuperscript{nd} Year PhD’s Student
yangx5@student.unimelb.edu.au
She/her/hers

Samira Falahatdoost
Vice President
3\textsuperscript{rd} Year PhD Student
sfalahatdoos@student.unimelb.edu.au
She/her/hers
Student and Community Membership

At the time of this report, there are 11 student members affiliated to the Melbourne Univ. Chapter and there are currently about 35 students involved in the Melbourne Univ. Optics Alliance.

<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
<th>Expected Grad Month/Year</th>
<th>SPIE Membership Expiration Date</th>
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<tbody>
<tr>
<td>Lukas Weon</td>
<td><a href="mailto:lwesemann@student.unimelb.edu.au">lwesemann@student.unimelb.edu.au</a></td>
<td>May 2021</td>
<td>3/25/2020</td>
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<tr>
<td>Samira Falahatdoost</td>
<td><a href="mailto:sfalahatdoos@student.unimelb.edu.au">sfalahatdoos@student.unimelb.edu.au</a></td>
<td>2020</td>
<td>11 July 2020</td>
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<tr>
<td>Yang Xu</td>
<td><a href="mailto:yangx5@student.unimelb.edu.au">yangx5@student.unimelb.edu.au</a></td>
<td>May 2022</td>
<td>21 September 2020</td>
</tr>
<tr>
<td>Giel Muller</td>
<td><a href="mailto:gmuller@student.unimelb.edu.au">gmuller@student.unimelb.edu.au</a></td>
<td>2020</td>
<td>6 June 2020</td>
</tr>
<tr>
<td>Muhammad “Faris”</td>
<td><a href="mailto:mshahidan@student.unimelb.edu.au">mshahidan@student.unimelb.edu.au</a></td>
<td></td>
<td></td>
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<tr>
<td>Shahidan</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heyou Zhang</td>
<td><a href="mailto:heyouz@student.unimelb.edu.au">heyouz@student.unimelb.edu.au</a></td>
<td>2020</td>
<td>13 August 2020</td>
</tr>
<tr>
<td>Na Wu</td>
<td><a href="mailto:naw3@student.unimelb.edu.au">naw3@student.unimelb.edu.au</a></td>
<td>2021</td>
<td>13 August 2020</td>
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<tr>
<td>Nguyen Bang Tran</td>
<td></td>
<td></td>
<td>12 August 2020</td>
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<tr>
<td>Farah Qazi</td>
<td><a href="mailto:fqazi@student.unimelb.edu.au">fqazi@student.unimelb.edu.au</a></td>
<td></td>
<td>3 June 2020</td>
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<tr>
<td>Xin He</td>
<td><a href="mailto:x.he24@student.unimelb.edu.au">x.he24@student.unimelb.edu.au</a></td>
<td></td>
<td>20 November 2020</td>
</tr>
<tr>
<td>Yixiong Ji</td>
<td></td>
<td>2023</td>
<td>19 November 2020</td>
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</table>
Activities Report

16 May 2019: SPIE International Day of Light Coffee Event
This year, several members of the SPIE chapter organized a coffee meet up event to celebrate the International Day of Light. At this event, we discussed potential opportunities to collaborate with other on-campus organizations (such as UniMelb Astronomical Society) that may be interested in celebrating the SPIE Intl. Day of Light.

7 June 2019: Oculus VR Experience
To strengthen the connection between members, and to expand our understanding of lenses and optical devices, we organized a Oculus virtual reality event. This event was also organized, in part, as a test run for future recruitment efforts. Virtual reality is becoming more advanced and popular, and it is likely to draw interest and new members to the group.
5 July 2019: SPIE represented at Queers in Science Event
Giel Muller, our current treasurer of the Unimelb SPIE chapter, represented us at the Queers in Science event in Melbourne by presenting his research that utilizes laser spectroscopy to probe chemicals that are likely to exist in extraterrestrial environments.

16 August 2019: Oculus VR Experience + Coffee Social Event
Putting our knowledge of virtual reality to the test, we have created a VR experience + coffee event to engage members and increase enrolment in our organization. This was held on a Friday afternoon, and several physical chemistry professors joined in on the fun!
Treasurer’s Report

<table>
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<tr>
<th>Date</th>
<th>Description</th>
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*Anticipated funding amounts based on chapter budget and last year’s costs/incomes.

Conclusions and Recommendations

As always, we aim to build stronger connections with one another. If we have more events and are excited to see one another, event attendance will be higher and more events are likely to be organized. We are hoping to be involved in the following activities:

- We want to participate in the Astrolights event in 2020.
- Swinburne University has a strong presence in the optics field and we may reach out to them. Other universities in Melbourne may have a strong(er) SPIE chapter and we would like to organize events with them.
- Open Day for the university. Open day is an opportunity for new incoming students to learn of organizations and opportunities on campus. We may look into getting a booth and setting ourselves up to recruit new members.
- Science Week events. At Queen Victoria Market in the city, several UniMelb organizations set up tents and had little expositions for children to see and engage with scientific phenomena. This would be a great opportunity to be involved with the greater community and have a larger presence. This would require a bit of planning as it is in broad daylight outside.
- It would be really great to have a simple recruitment event. Part of recruiting is just getting the word out and increasing our exposure. This can be done by having a picnic on South Lawn, but presenting a marketing poster/banner to show our presence on campus.