

2019 SPIE Student Chapter Annual Report

Prepared by:
Ann Lanari
President

Executive Summary:

The University of Southampton SPIE student chapter was established on the 28th January 2011. Our society is known as the University of Southampton Optics and Photonics Society (OPSoc) and upholds affiliations as an Optical Society of America (OSA) student chapter, an IEEE Photonics Society (IPS) student branch chapter, and our university's student union Southampton (SUSU). Our members are mostly Postgraduate students within the Faculty of Physical Science and Engineering. In particular, our members are mainly research students from the Optoelectronics Research Centre (ORC), the schools of Physics & Astronomy (P&A), Electronics & Computer Science (ECS). While our activities are largely designed around our PhD student members, masters and undergraduate are invited to join in and may benefit as well.

Our main objective is to unite and engage the community of students promoting a friendly work environment, diversity and equality in the workplace, optics and science in general to a non-scientific audience. Hence, our activities can be categorised into:

- Educational and professional development activities (Academic officers)
- Youth education and community outreach (Outreach officers)
- Social and networking activities (Social officers)
- Diversity and equality (Diversity officers)

We'd like to note that the 2019 report is being prepared by the 2020 committee due to extenuating circumstances that has eliminated the capacity of several key members from 2019 to participate. If there are any questions about these circumstances, we can be contacted as listed below. The activities and statistics reported herein are based on those reported at the Annual General Meeting and are not first hand accounts.

Contact Information:

For general questions about our chapter, please email our chapter address, opsoc@soton.ac.uk .

Facebook Page: <https://www.facebook.com/groups/OPSocSouthampton/>

Twitter: https://twitter.com/OPSoc_Soton

2018 - 2019 Officer Listing:

Jack Pangbourne

President

PhD Student

J.W.Pangbourne@soton.ac.uk

Callum Stirling

Vice President/Outreach Officer

PhD Student

C.Stirling@soton.ac.uk

Dong Wu

Treasurer

PhD Student

D.Wu@soton.ac.uk

Lauren Reid

Secretary

PhD Student

Lauren.reid@soton.ac.uk

Kasia Grabska
Diversity Officer
PhD Student
k.m.grabska@soton.ac.uk

James Frame
Academic Officer
PhD Student
Jf2g16@ecs.soton.ac.uk

2019 – 2020 Officer Listing:

Ann Lanari
President
PhD Student
a.m.lanari@soton.ac.uk

Jack Pangbourne
Vice President
PhD Student
j.w.pangbourne@soton.ac.uk

Dong-Woo “Dom” Ko
Treasurer
PhD Student
d-w.ko@soton.ac.uk

Alice Iles
Outreach/Social Officer
PhD Student
a.iles@soton.ac.uk

Goby Govindassamy
Academic Officer
PhD Student
g.a.govindassamy@soton.ac.uk

Stefan-Tudor Ilie
Diversity Officer
PhD Student
Sti1g14@ecs.soton.ac.uk

Student and Community Membership

For the 2018-2019 reporting period, there were 27 student members affiliated to University of Southampton SPIE Student Chapter and there are currently about 80 students involved in the University of Southampton OpSoc

Name	SPIE Membership Expiration Date
Lauren Reid	12/31/2019
Callum Stirling	1/30/2021
Jack Pangbourne	12/31/2019
Delta Hung	12/31/2019
Yu Wang	12/31/2019
Siyi Wang	12/31/2019
Fernando Guzman Cruz	12/31/2019
Apostolos Zdgagkas	12/31/2019
Angeliki Zafeiropoulou	12/31/2019
Senta Scholl	12/31/2019
Charlotte Law	12/31/2019
Vasileios Mourgelas	12/31/2019
Andrei Donko	12/31/2019
William Shere	12/31/2019
Stuart MacFarquhar	12/31/2019
Qazi Salman Ahmed	1/8/2021
Neda Baktash	1/4/2021
Angeles Camacho Rosales	11/13/2020
Joseph Campling	1/16/2021
James Field	10/10/2020
Stefan Ilie	12/7/2020
Tongjun Liu	9/4/2020
Benita MacKay	7/25/2020
Samuel Senior	3/4/2021
Mathias Weisen	1/15/2021
Xingshi Yu	1/16/2021

Activities Report

SPIE: Resources, Networking and One Scientist's Career Path

Organizer: Callum Stirling

Dr Christina Willis

30/11/18; 1200-1300; B53/4025

Cost : unknown

Quantum photonics using 2d materials

Prof. Vinod Menon, City College & Graduate Center of the City University of New York

02/04/19; 1100-1200

Cost: £80.96 (food); (travel funding by IEEE Photonics Society)

Graphene and 2D Materials for Next Generation Opto Electronics & Photonics

Prof Anna Baldycheva, University of Exeter

07/05/19; 1300-1400; B46/4050

Funded by SPIE £233.28 (travel, accommodation, food)

LGBT in Stem Day
Organizer: Kasia Grabska
5 July 19
University of Southampton
Funded by OSA



Women in Optics
Organizer: Kasia Grabska
Mar 2019
University of Southampton
Cost: \$500 funded by SPIE grant

This was a multi-faceted event including outreach to women aged 15-18 years old. Panels held for postgraduate researchers, and international women's day celebration in conjunction with the university science and engineering festival.

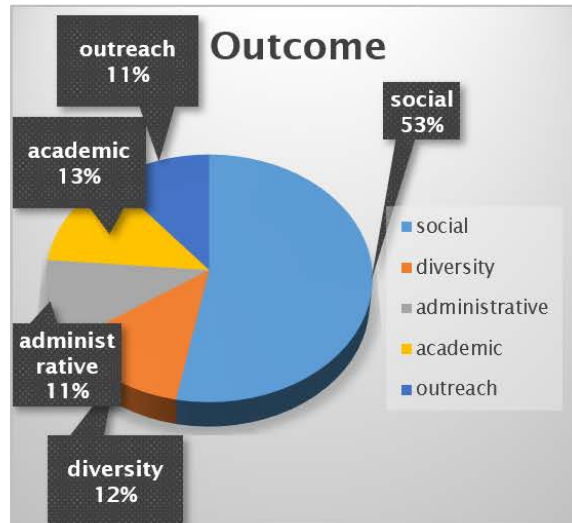


Treasurer's Report

As was noted in the executive summary, this report is being completed by the incoming committee. Our insight into the financial processes of the outgoing committee are limited. The information presented here is the information presented at the Annual General Meeting in December 2019. We are working on getting better access to the chapter's financial accounts and information, but the COVID-19 crisis has presented a barrier to this process. We will be happy to provide more granularity when we receive it.



Income	Outcome
£1627.65	£3013.33



Outcome £3013.53	
Administrative	13%
Diversity	12%
Outreach	11%
Social	53%
Academic	13%

GRANTS	£ 1618.15
OSA	£1239.02
SPIE	£379.13

Conclusions and Recommendations

Our recommendation to ourselves is maintain good documentation and to keep this as a living document to updated through the year for our current committee!