

**Annual report 2015 – 2016 for
SPIE**

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Swinburne Optics and Photonics (SOAP)

HISTORY

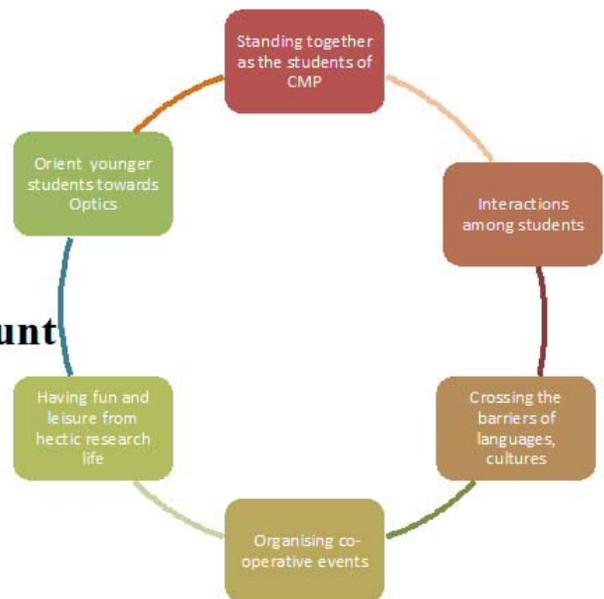
SOAP was formed in 2009 with an aim to bring the students working in the field of Optics and related technologies in Swinburne University of Technology to a common platform as a combined student chapters of SPIE and OSA.

The chapter ensures a free international atmosphere for the optics students from different origins in the university to share their views, discuss their research, to develop their communication skills and to enjoy their stay in the research field through a lot of relaxation activities.

OBJECTIVES of SOAP

To be a student member of OSA or SPIE

- **Free access to Journals**
- **Conference travel grants**
- **Conferences registration discount**
- **Network**
- **Fun**



COMMITTEE AND MEMBERS

An election was conducted in September 2015 to select new SOAP committee and to reorganize the OSA/SPIE chapters in Swinburne.

President	Mr. Xuewen Wang
Vice-President	Ms. Sahar Tabrizi
Secretary	Ms. Litty Thekkekara
Treasurer	Ms. Elena Goi
Membership representative	Mr. Armandas Balcytis
Media editor	Mr. Scott Fraser

Chapter advisor: Prof. Saulius Juodkazis; Prof. Baohua Jia

Current members in SPIE

Armandas Balcytis
Scott Fraser
Elena Goi
Hoang Le
Zubaidah Ningsih
Xuewen Wang
Litty Thekkekara
Sahar Tabrizi
Salmaan Syed
Nitya SaiPrasad

Activities for the year 2015 - 2016

The chapter activities were decided during the monthly meetings hold on **second Friday of every month** by the committee members' joint decisions.

Due to the departure of previous chapter members, the current committee had to start from the base with the submission of annual reports to the SPIE. Within the limited resources and time we conducted following activities:

- **Preparation of bylaws for committee members**

For the proper flow of SOAP activities, we prepared a bylaw for the role of each committee member.

- **Starting of bank account**

A Bank account was started for the regulation of financial assistance from various sources for the SOAP. The details were given in financial statement session.

- **Orientation for students to join SOAP**

An orientation session for the students was conducted by Mr. Xuewen Wang in the CMP monthly meeting in October, 2015 to create an awareness about the advantage of becoming a part of student chapter.

- **Get-together for students**

The major goal of SOAP is to bring the students interested in Optics to a common platform where they can discuss their research, share their interests and make a contribution to our society. The first session of this event was conducted in November 2015 with a photo-session of the current chapter members followed by free time for the attendees to get to know each other.



The second one was held on 5th August followed by election for SOAP committee for 2016-2017. In the future it will be organized in a monthly basis. Each of these events were involved with some refreshments.



- **Farwell for CMP Director, Prof. Min Gu**

In December 2015, SOAP got actively involved in the farewell party of the CMP founder Director, Prof. Min Gu along with the annual year get-together of CMP in Studley park, Kew.



- **Logo-competition for SOAP**

A logo-competition for the SOAP was conducted in January 2016 and Ms. Zahrra Albaity won the prize. She received a complimentary OSA membership for the year 2016-2017. Her logo design was decided to be used as official logo for the chapter (as used in the cover page).

- **Writing in Scientific journals, Seminar**

In order to raise the awareness of proper scientific writing among students, SOAP organized a seminar in March 2016 by inviting the Editor of Light and Science journal. Also representative from Chinese Academy of Sciences gave a talk regarding the establishment of spin-off companies with the Chinese institute for early stage post-docs and PhDs . The details of the invited speakers are given below.

1. **Prof. Yuhong Bai**, Director of the Editorial Offices, Changchun Institute of Optics, Fine Mechanics and Physics (CIOMP), Chinese Academy of Sciences who spoke **on how to get your work published in Nature journals.**

2. **Ms. Hui Wang**, Deputy director of the Department of International Cooperation, Changchun Institute of Optics, Fine Mechanics and Physics (CIOMP), Chinese Academy of Sciences who spoke **on the policies that supports young researchers and graduates in the fields of Physics, Laser Physics, Material Sciences, Mechanical Engineering, Electrical Engineering, Computer Sciences, 3D Printing, and Administration.**



- **Participation in 2016 Swinburne open day**

SOAP made it's presence in the Swinburne open day in July 2016 by volunteering the lab tours in FSET and became a part of Big-bang show conducted by Physics department.



- **Co-hosting IONS-KOALA 2016 with Monash University (Collaborative event and sponsored by SPIE)**



As a collaboration activity, the current committee decided to co-host IONS-KOALA 2016 which is an annual student conference in the optics field across Australia and New Zealand with OSA student chapter of Monash University, Clayton. The conference provides a good platform for students to present their works and to interact with others of similar level to increase their confidence for attending major conferences. The conference will be held from 27th Nov-4th Dec 2016 in Monash University with one-day event in Swinburne University. Website: <http://ionskoala.osahost.org/>. The SOAP committee for the year 2015-2016 will continue in the IONS-KOALA 2016 organizing committee without any change.



- **Leadership conference attendance**

In a year SPIE allows one student each from its chapters to attend the leadership conference to bring out the leadership qualities in students. In 2015-2016, the following students attended the conferences

- SPIE Photonics, Europe 2016 - Ms. Sahar Tabrizi



- **Visiting lectures**

The available annual visiting lecture programs from SPIE for 2015-2016 are decided to be used for inviting IONS-KOALA 2016 plenary speakers. We invited the formal president of SPIE Prof. James C. Wyant to come to the KOALA conference and visited Swinburne University.

- **Election for 2016-2017 SOAP committee**

The election for 2016-2017 was held on 5th August 2016 and the new committee will be effective from 8th August 2016.

President	Mr. Xuewen Wang
Vice-President	Mr. Armandas Balcytis
Secretary	Mr. Rakesh P. Nair
Treasurer	Ms. Kajal Zibaei
Membership representative	Mr. Nilusha Mahamalgue
Media editor	Mr. Scott Fraser

Chapter advisor- Prof. Saulius Juodkazis; Prof. Baohua Jia

Financial statement for 2015-2016

A bank account was setup for SOAP through university and **project by account code was 11280584418 with Prof. Saulius as the custodian**. The source of income for the chapter is mainly from two sources: OSA and SPIE. A proposal was submitted to the Director of CMP to get additional income support and was sanctioned with 50 AUD per month which will be coming into effectiveness in the following months. The financial statement for the year 2015-2016 was given below.

Income	Amount in USD	Amount in AUD
SPIE	+500 USD	+691.09
OSA	+500 USD	+691.09
Expenditure		
Logo competition prize	-40 USD	-52.66
Catering		-57.94
Net Total		+1202.08

The financial support for IONS-KOALA 2016 conference from Swinburne so far:

Source	Amount in AUD
SPIE	+3937.99
CMP	+4500
Research School	+2000
FSET	+2000

Proposed future activity plans

The following are the activities planned by the committee which needed to be focused in the future.

- Annual Optics to kids program by including local schools (as a collaborative effort between student chapters across Melbourne)
- Leisure trips in each quarter of year
- Monthly get-together after CMP meeting by including the whole optics community in the university
- Promotion of SOAP to the university level by associating with SSA
- Annual Swinburne open-day participation
- Visiting lecture program by associating SPIE and OSA
- Activation of IEEE-Photonics student chapter in the university
- Update of SOAP website

Acknowledgments

The committee thanks the following people for their enormous support during the past one year for the chapter.

- Prof. Min Gu
- Prof. David Moss
- Prof. Saulius Juodkazis
- Prof. Baohua Jia
- Mr. Riaan Lorrens
- Ms. Barbara Gillespie
- Ms. Jia Lou
- Ms. Tatiana Tchernova
- Finance department, Swinburne
- All students and staff of CMP and CQOS, Swinburne

Contact Information

Further details regarding SOAP can be find here.

<http://www.swinburne.edu.au/engineering/cmp/soap/>

Our email: soap@swin.edu.au or xuwenwang@swin.edu.au

