



# Annual Report Univ. Privada Boliviana, Cochabamba Chapter

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# 1 OFFICERS

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POSITION	NAME	EMAIL
PRESIDENT	Andres Marcel Rodriguez Rios	andyrodririos@gmail.com
VICEPRESIDENT	Santiago Zamora Barahona	
SECRETARY	Marcelo Vilela Pardo	mvilelapardo@gmail.com
TREASURER	Marcelo Paolo Granadino Mariscal	marcegra77@gmail.com

# 2 MEMBERS

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1. Yasmin Iris Balderrama Grageda
2. Carlos Eduardo Fuentes Rojas
3. Marcelo Paolo Granadino Mariscal
4. Marvin Lazarte Camacho
5. Nepal Andrés Lizarazu Burgoa
6. Jorge Quiroga Choque
7. Andres Marcel Rodriguez Rios
8. Daniela Alejandra Santa Cruz Espinoza
9. Carlos Rafael Tordoya Taquichiri
10. Franklin Selim Vidangos Crespo
11. Marcelo Vilela Pardo
12. Santiago Zamora Barahona

# 3 CHAPTER ACTIVITIES

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## 3.1 DEVELOPMENT OF THE PLAN OF THE ACTIVITIES FOR 2017

In this meeting we development the annual plan for the activities that we had to do, here we decided what we were going to send on the funding request. This meeting was on March, 2017.

## 3.2 IMPROVE OUR STUDENT CHAPTER WEBSITE

This year, we worked to improve the appearance and the way that we share our activities on the student chapter website. <http://spie.upb.edu/>



# SPIE.

## Capitulo Estudiantil

Universidad Privada Boliviana

### Inicio



The *international society for optics and photonics* es una organización dedicada a la investigación y educación en el ramo de la "Óptica, Fotónica y opto-electrónica". Fue fundada en 1955. Comprende más de 50.000 científicos, ingenieros, estudiantes, empresarios y está presente en más de ochenta países.

El capítulo estudiantil boliviano de la SPIE es un miembro activo desde el año 2014 (supervisor: Omar Ormachea, PhD) y participa de las actividades de la asociación ([https://snie.org/membership/student-members/student-chapters/student-chapter?chapter\\_id=1076062](https://snie.org/membership/student-members/student-chapters/student-chapter?chapter_id=1076062)) algunas características importantes de esta asociación es que

### 3.3 ROADSHOW

We show, in a stand, our activities and the SPIE benefits to the students in the University.



### 3.4 VISITING SCHOOLS

One of our main activities is visiting schools, this year we went to Maryknoll and San Agustín schools, there we demonstrate the importance of optics and photonics to the students. We invited them to the University for a meeting with some technology enterprises to show the future of science and engineering in our country.



### 3.5 JAVIER SANTAOLALLA VISITING BOLIVIA

Javier Santaolalla is a very popular science divulgator, he is telecommunication engineer and physics PhD. He worked in CERN, but now he dedicates his time to science divulgation on youtube and in special meetings like this one.



For this meeting we were able to reach more than 400 people among students and school teachers.

### 3.6 2018 OFFICERS ELECTION

2018 Officers Election was on December. In this meeting the chapter elected the new officers, presented before in this document.

## 4 PLANNED ACTIVITIES FOR THE FUTURE

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For 2018, we will collaborate with more scientific chapters from our University, in order to have bigger events and reach more people in these.

Activity	January	February	March	April	May	June
Recruitment			SPIE STAND UPB		Roadshow	
Visiting schools					Visiting Maryknoll School	Visiting San Agustín School

Activity	July	August	September	October	November	December
Visiting schools		Visiting School 3	Visiting School 4			
Optical Fiber talks	Jul 27, 2018					
SINNTEL		Aug 6-10, 2018				
End of the year meeting					Nov 24, 2018	
2019 officers election						Dec 15, 2018

It is important to mention that we are open to new proposals and activities from chapter members, so we can add more than one activity in order to make an efficient and productive year.

## 5 FINANCIAL INFORMATION

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ECONOMIC SPENDING \$				
ACTIVITY	INITIAL BALANCE \$	# PEOPLE	Expenses	FINAL BALANCE \$
	270			270
Roadshow	270	5	20	250
Visiting schools	250	190	237,5	12,5
SPIE Grant U\$D	700			
Javier Santaolalla in Bolivia	712,5	400	200	512,5
Support for student travel	512,5		100	412,5
SINNTEL	412,5	190	180	232,5
End of the year meeting	232,5	15	105	127,5

The initial balance was 270\$, this amount was generated by the support from the SEUPB, the student society in our University.

In our first activity we spent 20\$ to buy some flyers to communicate our planned activities for this year for the rest of the students in our University, with this we were able to catch the attention of some new students with SPIE.

Then we visit the School "Marykanoll" and the School "San Agustín". Between the food for the kids, the teachers that were present, the transportation of the members of the chapter and some materials for specific activities we spent 237.5\$, some things that was not described in the funding request is because we were going to attempt with the OSA chapter and IEEE branch of our university, but this helped a lot in the activities because we were able to show even more experiments to school students and they were excited about it.

Then we be able to host Javier Santaolalla, with him we developed a great meeting, he talked about physics to 400 people, between students and professionals in teaching, also professors from our university whom are interested in optics and physics in general. Here we just paid some expenses for Javier travel and his stay in our city.

Our last activity was SINNTEL, here we invited the students from the schools that we visited early, to show them the future of science and engineering in our country with the help of some technology companies. And we support for student travel to help for some extra expenses.