Student Chapter of SPIE Optics at the University of Pamplona in Pamplona Norte de Santander, Colombia, was created at the initiative of some professors and students of physics, from the Department of Physics and Geology attached to the Faculty of Basic Sciences, University of Pamplona.
Mission

Promote knowledge of physics, optics and optical engineering among the student community within the University, in the region of Norte de Santander and Pamplona through of conferences, science fairs, debates, workshops, courses, etc.. The interest of the members is to encourage the knowledge of optics in the conceptual part.

- Promote training of students through the optical interface with the scientific, academic and industrial community.
- Foster relationships with other student chapters within and outside the university.
- Inspiring young students in the study of optics and its applications. Invite to participate as active members and committed in future activities.

Vision

The Student Chapter of optics of the University of Pamplona - COUP, it projects in 2015 as a group recognized by the dissemination, promotion and dissemination of optics in the student community of the city, consolidating students in optics and its applications, as a tool in the training of researchers, entrepreneurs and this corresponding incorporation into the international scientific community.
The chapter president Carlos Eduardo Urbina Valencia Optics attended SPIE Optics and Photonics 2013 representing our chapter in the student leadership meeting in San Diego California. This trip was provided by SPIE, which we thank for allowing this opportunity.
The President presented the poster that shows which is the chapter's mission and vision in addition to the activities realized in the 2012-2013.
Presentation of our chapter
In the University of Pamplona

Presentation of our student chapter SPIE in our own university. We present ourselves as a recognized student organization, supported by the SPIE.

This activity aimed to promote the chapter for to engage new members, and to show the benefits that we has a chapter of SPIE. Our members Valencia and Pabon gave a brief talk about the organization of SPIE and discussed the benefits of being a member of SPIE. Students of Physics and Geology departments attended our activity. They were very interested in enrolling society and participate in chapter activities.
Participation in the III National Congress of Engineering Physics

The III National Congress of Engineering Physics was organized for the University EAFIT, in the City Medellin-Colombia. The Student Chapter COUP-SPIE participated with four works of investigation in the form of poster, in different areas of the optics and the physics.

President Valencia Urbina presented the poster entitled:

3D reconstruction of religious objects in museums in Pamplona in shape and color, to 360 degrees using fringe projection.
Vice-president Helizain Pabón Lizcano presented the poster entitled:

**DIMENSIONAL RECONSTRUCTION SYSTEM FOR FRINGER FINITE PROJECTION USING FOURIER TRANSFORM**
Member Cabrales presented the poster entitled:

**Natural Vibrations of Rectangular Membranes: analytic and numerical solution**
Member Sabas presented the poster entitled:

**Vibration analysis of circular membranes**
De derecha a izquierda: Carlos Eduardo Valencia (Est. Física, Semillero COUP, Unipamplona), Martha Lucía Molina Prado (Profesora de Física- Unipamplona), Douglas Dean Osheroff (Ph. D. en Física- Universidad de Stanford, Premio Nobel de Física en 1996 por su descubrimiento de la superfluides del Helio-3), Helicar Pepon (Est. de Física, Semillero COUP, Unipamplona), Néstor Alonso Arias Hernández (Profesor de Física - Unipamplona).
Integration Activities of Chapter
Activity in the schools of Pamplona

Our chapter presented students of different schools of Pamplona the benefits of belonging to SPIE and showed who we are and the different activities that can be made
Participation in research week at the University of Pamplona

Our chapter participated in week research at the University of Pamplona with different experiments presented at the community of the city.
Student Chapter of University of Pamplona
COUP-SPIE Student Chapter
Report-2013

Officers

2012

President: Carlos Eduardo Valencia Urbina  Email: caedvaur@gmail.com
Vice-president: Helizain Pabon Lizcano  Email: soulkraven@gmail.com
Secretary: Carla Yesenia Figueroa  Email: carla8f@gmail.com
Treasurer: Hosman Yadir Gelvez Ramirez  Email: hozgel@gmail.com
Advisor: Dr. Sc. Martha Lucia Molina Prado  Email: molinaprado@gmail.com

2014

President: Estefania Villamizar Espinoza  Email: estefania.villamizar@unipamplona.edu.co
Vice-president: Carlos Manuel Ocampo Ortiz  Email: comotodoslosocampo@hotmail.com
Treasurer: Brayans Barrera  Email: brayansbarrera-5000@hotmail.com
Secretary: Hosman Yadir Gelvez Ramirez  Email: hozgel@gmail.com
List of current members

2012-2013
1. Carlos Eduardo Valencia
2. Helizain Pabon Lizcano
3. Carla Yesenia Figueroa
4. Astrid Villamizar
5. Sabas Mendez
6. Raul Cabrales
7. Pedro Rueda
8. Hosman Yadir Gelvez
9. Carlos Hugo Arámbula
10. Nelson Enrique Torres
11. Juan Alberto Sanchez
12. Dr. Martha Lucía Molina Prado - Advisor

2014

1. Carlos Eduardo Valencia
2. Ricardo Pallares
3. Dudbil Pabon
4. Astrid Villamizar
5. Estefanía Villamizar
6. Darby Paez Amaya
7. Carlos Ocampo
8. Hosman Yadir Gelvez
9. Carlos Hugo Arámbula
10. Brayans Barrera
11. Dr. Martha Lucía Molina Prado - Advisor

EXPENSES

1800 usd  -----  Officer Travel Grant