

SPIE Student Chapter

Engineering School of
Communication of Tunis

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Annual Report 2017/2018



SUP'COM

Engineering School of Communication of Tunis

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Our chapter has been active this past year in organizing seminars, workshops, and attending conferences abroad. We are summarizing in this report the main activities that we were involved in, the last year.

1. Outreach & Education Activities:

The Optics and Photonics Tunisia student chapter organized a scientific school and performed hands on activities, reaching around 100 students.

Activity 1: Hands on Activity in the Secondary School.

May 7st 2017: 30 secondary school students attended the event.



2. Conferences & Workshops:

Activity 4: Organizing the spring school “Youth Education School: Optical demonstrations in three secondary schools”.

January 11st-13st 2018: We organized the "Youth Education School: Optical demonstrations in three secondary schools" from 11 to 13 January. The primary goal of this school is to organize a series of visits to three different secondary schools over a time period of three days, in order to make demonstrations to students with the optics suitcase components and the light Blox from OSA. The officers will start the activity by a tutorial to explain theoretically the difference between the geometric, wave and quantum approach of light which will make understanding the demonstrations easier. At the end of the activity, we will made an evaluating test of 20 minutes to the student who attended the demonstrations and we will give a price to the student having the best marks.

The objectives of our school are motivating students to start a successful career in the field of Optics and photonics by:

- Giving students an introduction to innovative concepts of leadership
- Entrepreneurship and innovation hands-on activities
- Presenting required elements of a successful negotiation
- Developing effective communication skills.



Activity 5: Attending SPIE Student Leadership Meeting in San Diego

August 6th to 11st 2017: OPTSC vice president Latifa Guesmi attended the SPIE leadership in San Diego California on the 27rd of August 2017. She presented also research papers on the Optics and Photonics conference.



Future Activities: 2017-2018

In 2017, we are aiming to organize the following activities:

May 2019: Hands on activity in Gafsa secondary school.

November 2019: we aim to organize a winter school. We aim to invite graduate students and researchers in optical communication systems. The school consists of lectures given by experts in the field of optical systems from both industry and academia. It also includes poster and oral presentations by participating Ph.D. students.

OPTSC Financial Information

1. Incoming funds (in TND local currency)

2000 TND: From the Engineering School of Communication.

2. Expended funds

650 TND: Dinner and coffee break in the Youth Education School: Optical demonstrations in three secondary schools for 3 days.

350 TND: Poster printing and flyers for the events.

500 TND: Best student awards for in the Youth Education School: Optical demonstrations in three secondary schools;

500 TND: Bus rental for transportation for the Youth Education School: Optical demonstrations in three secondary schools

Balance to 03/2018: 0 TND