

**SPIE Student Chapter at
CREOL/College of Optics and Photonics & FPCE
Bi-Annual Chapter Report
June 2007**

The SPIE Student Chapter at CREOL/College of Optics and Photonics and Florida Photonics Center of Excellence (FPCE) at the University of Central Florida is an integral part of the CREOL Association of Optics Students (CAOS) and is working in synergy with the student chapters of OSA and IEEE/LEOS in a continuing effort to lead and coordinate the activities related to optics and photonics at the University of Central Florida.

An important aspect of the SPIE CREOL/UCF Student Chapter is that being part of CREOL/FPCE it participates actively in all student events. SPIE CREOL/UCF Student Chapter, in association with CAOS, OSA and IEEE/LEOS Student Chapters, participated in organizing various academic and social events. SPIE CREOL/UCF Student Chapter is also working closely with the UCF Student Government Association (SGA) through our CREOL CAOS Senator, representing the College of Optics and Photonics in the UCF Senate.

List of current Student Chapter members:

*Oleksiy Andrusyak
Hyungseok Bang
Sachin Bet
Nathan Bickel
John Broky
Radu Bunea
Justin Cleary
Ion Cohanoschi
Costin Curatu
Florian Fournier
Zhibing Ge
Simi George
Farzan Ghauri
James Ginn
Gilad Goldfarb
Jeff Hunker
Christopher Jackson
Leonard Kisimbi*

*Kye-Sung Lee
Zhiqiang Liu
Catheryn Logan
Timothy McComb
Panomsak Meemon
Christopher Middlebrook
Peter Olszak
Amanda Parish
Oleksandr Savchyn
Hubert Seigneur
Leo Siiman
Qiong Song
Amy Thompson
Italo Toselli
David Wayne
Chong Zhang
Weiyao Zou*

Total: 35 members

Chapter activities for January-May, 2007:

- ◆ Establishment of the effective system of notifying the CREOL students and faculty on the events planned by SPIE (meetings, conferences, exhibitions).
- ◆ Organization and planning of the Faculty Seminar Series and the Visiting Lecturer Seminar Series.
- ◆ Discussion of the possible new activities with the representatives of CAOS as well as OSA and IEEE/LEOS Student Chapters.

- ◆ Involvement, together with CAOS, OSA and IEEE/LEOS Student Chapters, in the activities usually held at the College of Optics and Photonics.

During this period CREOL students have the possibility to use the Chapter's laptop when attending conferences and other professional events.

Six CREOL students received *SPIE Educational Scholarship in Optical Science and Engineering*:

Gilad Goldfarb
Ying Zhou
Zhibing Ge

Xiangyi Nie
Amy Thompson
Nathan Bickel

Planned Chapter activities for June – December, 2007:

- ◆ Travel to SPIE Annual Meeting: we plan on having large CREOL student representation at the 2007 annual meeting.
- ◆ Establishing contacts with the representatives of other SPIE Student Chapters around the world.
- ◆ Visiting Lecturer Seminar Series (October, Dr. Levinson (AMD)).
- ◆ Monthly CREOL Faculty Seminar Series: September, Dr. Wu (CREOL); October, Dr. Deppe (CREOL). The Faculty Seminar Series are aimed at familiarizing the CREOL students and faculty with the research done in different scientific groups of the institution.
- ◆ Holding regular student meetings aimed at the discussion of the possible new activities organized by CAOS, SPIE, OSA and IEEE/LEOS Student Chapters.
- ◆ Organization of the 2007 annual CREOL "Fall Picnic". "Fall Picnic" is one of the major social events regularly held by CREOL community and is aimed at introducing the new students to the faculty and their peers, establishing scientific and social contacts among the CREOL students working in different areas of optics.
- ◆ 2007 CAOS Teacher of the Year Award. The nomination and voting is done by the CREOL students and is based on the clarity of the presented material during the class, the style of lecture delivery, the overall plan of the course, availability outside class, handouts, feedback on homework and exams, fairness in grading, etc.
- ◆ Student mentoring seminar series, Qualifier study sessions. The sessions are aimed at the mentoring of the students planning on taking the Qualifying Exam. This includes solving and explaining the problems as well as covering the tactics of preparing and taking the Qualifying Exam which would ensure successful performance.
- ◆ Organization of the 2007 annual Thanksgiving dinner for students, staff, faculty members, board members, alumni and affiliates.
- ◆ Organization of the 2007 CREOL Christmas Party for CREOL students, staff, faculty members, board members, alumni and affiliates.
- ◆ More outreach activities, including visits to local elementary, middle and high schools.
- ◆ Student seminar series. The series are aimed to familiarize the CREOL students with the work done by their peers in different scientific groups of the institution. The seminars are conducted in an informal way ensuring the participation of all the attendees in the discussion of the material covered and discovering possible new approaches and ideas for the future research.

- ♣ Tours and visits. Presentation of the effective tours of the CREOL labs to the visitors (middle/high school students, prospective graduate students, visiting scientists).
- ♣ Installation of new simple hands-on demos which can be easily understood by the people without physics background.
- ♣ Notification of the CREOL students and faculty on the events planned by SPIE (meetings, conferences, exhibitions).

Names and email addresses of the officers:

President: *Oleksandr Savchyn*
osavchyn@mail.ucf.edu

Vice President: *Abhijit Chakravarty*
abhijit@creol.ucf.edu

Secretary & Treasurer: *Florian Fournier*
florian.fournier@gmail.com