

UCONN SPIE  
<http://www.uconn.spie.edu>  
[uconnspie@gmail.com](mailto:uconnspie@gmail.com)

Semi-Annual Report

June 15, 2007

### 30 Current Members

Andres Aguirre  
Yasaman Ardeshirpour  
Nrusingh Biswal  
Diego Castillo  
Yueli Chen  
Zhe Chen  
Sonia Contreras Ortiz  
Michael Crate  
Mehdi Daneshpanah  
Cuong Do  
Christopher Falkner  
John Gamelin  
Mukesh Gogna  
Puyun Guo  
Peter Heumann  
Yong Seok Hwang  
Supriya Karmakar  
Michael Khalil  
Nahum Kryzman  
Andis Kwan  
Lu Lu  
Shaozhen Ma  
Anastasios Maurudis  
Inkyu Moon  
Raj Shah  
Behnoosh Tavakoli  
Carlos Villa-Angulo  
Nathan White  
Chen Xu  
John Zeller

## Chapter Activities

UCONN SPIE chapter established APRIL 2006. Initial size: 21 members,  
Current size: 30 members.

Faculty Advisor: Prof. Quing Zhu, ECE Dept., University of Connecticut

UCONN SPIE chapter website maintained: <http://www.spie.uconn.edu>  
Webmaster: Cuong Do,  
Asst. Webmaster: Michael Khalil

UCONN SPIE chapter minutes posted on our website's forum for historical documentation and member access.

1st Annual UCONN SPIE Annual Service Award: awarded to Mr. Cuong Do for service to the chapter.

Co-sponsored the 16<sup>th</sup> Annual Connecticut Micro-Electronic and Opto-electronic Conference ([CMOC](#)) held March 21, 2007 at Yale University, New Haven, Connecticut.

Held and co-sponsored a seminar by Dr. Amanda Goyette, MIT Lincoln Labs, "[Defending against Biological Terrorism](#)" on Feb. 9, 2007 at UCONN.

Held and co-sponsored a seminar by Prof. Anthony DeMaria, UCONN/Coherent Inc., "[The Founding, Growing & Selling of a Laser Company in Connecticut](#)" on April 5, 2007 at UCONN.

Attended and participated in the 2007 SPIE Congressional Visit Day ([CVD 2007](#)) in Washington D.C.

### [UCONN SPIE Field Trip to BOSTON, MASS](#) (Attendance: 9)

- visited the lab of Prof. [Irene Georgakoudi](#) at Tufts University.
- visited the lab of Prof. [Sergio Fantini](#) at Tufts University.
- visited the lab of Prof. [Irving Bigio](#) at Boston University.
- visited the lab of Dr. [Yueli Chen](#) at Mass. General Hospital/Harvard Medical School.

### [UCONN SPIE Field Trip to Coherent Inc.](#), Bloomfield, CT

- visited and toured the laser manufacturing facility.
- company was founded by Prof. Anthony DeMaria, UCONN Professor and past-president of SPIE.

UCONN SPIE participated in the [24<sup>th</sup> Annual Connecticut Invention Convention](#) held at UCONN.

UCONN SPIE members, Andres Aguirre and Nathan White awarded [SPIE Educational Scholarship](#).

UCONN SPIE increased student membership from 26 to 30 members. We are still predominately a graduate student organization. We will focus on recruiting undergraduate students. At present, we have 5 undergraduate student members.

Formed an undergraduate committee consisting solely of undergraduate students to ensure UCONN SPIE is functional for undergraduates.

UCONN SPIE Student Chapter Library maintained with textbooks donated from SPIE Student Services.

UCONN SPIE Student Chapter continues to utilize a permanent office space here on campus.

## FUTURE ACTIVITIES

Co-sponsoring a seminar by Prof. Irving Bigio, Boston University, related to Biomedical Optics on September 14, 2007 here at UCONN.

Co-sponsoring a seminar, as part of the SPIE Guest Lecturer Program, by Dr. Ralph James, Brookhaven National Lab, "High-energy photon detectors" on October 12, 2007 here at UCONN.

Co-sponsoring a seminar, as part of the SPIE Guest Lecturer Program, by Dr. Robert Breault, Robert Breault and Associates, Topic: TBD, on October 26, 2007 here at UCONN.

Hold a joint collaborative event with the Three Rivers SPIE student branch and the UCONN IEEE student branch.

Hosting the first ever UCONN SPIE FALL BBQ, to let the UCONN community know we exist.

Expanding the UCONN SPIE Chapter library.

## Financial Information

Starting balance	\$787.34
SPIE Student Services Funding	\$1100.00
SPIE Student Service Collaboration Grant	\$250.00
TOTAL INTAKE =	\$1,350.00

Food (at Chapter Meetings)	\$103.98
Field Trips	\$252.73
Continued Recruitment	\$38.95
UCONN SPIE Lectures	\$82.98
Supplies/Copies	\$8.83
UCONN SPIE Service Award	\$50.00
Misc.	\$14.80
 TOTAL OUTTAKE =	 \$552.27
 Ending Balance	 \$1585.07

## Officers

- President: Mr. Anastasios Maurudis (Biomedical Engineering)
  - Vice-President: Mr. Christopher Falkner (Biomedical Engineering)
  - Secretary: Mr. Nathan White (Biomedical Engineering)
  - Treasurer: Mr. Andres Aguirre (Biomedical Engineering)
- Our faculty advisor is Prof. Quing Zhu of the Electrical/Computer Engineering Department.

## Committees

### Program Committee

Mr. Christopher Falkner, Chairman  
 Yasaman Ardeshirpour  
 Mehdi DaneshPanah  
 Michael Khalil  
 Numik Kryzman  
 Behnoosh Tavakoli

### Membership Committee

Nrusingh Biswal, Chairman  
 Yasaman Ardeshirpour  
 Zhe Chen  
 Sonia Contreras  
 Numik Kryzman  
 Lu Lu  
 Nathan White

### Publicity Committee

Cuong Do, Chairman  
 Andres Aguirre  
 Diego Castillo  
 Michael Khalil

Undergraduate Committee

Nathan White, Chairman

Christopher Falkner

Michael Khalil

Nahum Kryzman

Raj Shah

Prepared by

Anastasios Maurudis

2007-8 President