



Report of Activities from the University of Delaware (April 2008 through March 2009)

Submitted by: **E. Lee Stein, Jr., Chapter President**
Date: 30 April 2009

Name of Chapter (Registered Graduate Student Organization)

SPIE Student Chapter at the University of Delaware

Chapter Leadership (2008-09)

Dr. Dennis W. Prather	(40638)	Chapter Faculty Advisor	dprather@ee.udel.edu
E. Lee Stein, Jr.	(3067422)	President	elstein@udel.edu
Timothy Creazzo	(3064836)	Vice President	tcreazzo@udel.edu
Mathew Zablocki	(3196243)	Secretary	zablocki@udel.edu
Elton Marchena	(909614)	Treasurer	pakkerem@udel.edu

Chapter Membership (total of 11 members as of April 2009)

Ivan Barrera	graduate
Tim Creazzo	graduate
Xu Ma	graduate
Elton Marchena	graduate
Diego Pienovi	graduate
Kashma Rai	graduate
Andre Rauh	graduate
Michael Roman	undergraduate
Lee Stein	graduate
John Wilson	graduate
Mat Zablocki	graduate

Chapter Activities

Chapter was Granted Charter on 18-April-2008

Our chapter started out the year with activities surrounding the application process for becoming a chartered student chapter. During the preceding months of January and February, we collected information on how to apply, gained support from the student members to form a chapter, found a faculty member (a fellow of SPIE) to be our advisor, and met with the Graduate Student Office to meet with their requirements to become a Registered Graduate Student Organization. Our application was made on March 10th, and was approved the following month by the SPIE Board of Directors. We applied for and were granted our student activity grant during the summer.

Officer Travel Grant and SPIE Optics & Photonics Conference and Student Leadership Workshop

Three of our members were able to travel to San Diego and attend the O&P conference, sharing a room at the Holiday Inn with students from around the country and world. We made many new friends, networked with industry leaders, and also got to tour San Diego (including some snorkeling in La Jolla). We especially appreciated that the conference allowed students to attend a few of the workshops at no charge. Pictures are included:



Fall Membership Drive on 05-Sept-2008

Held our first SPIE meeting with the department and obtained three more members from the signals and image processing group.

Fall Chapter Luncheon and Planning Meeting on 02-Oct-2008

We held a chapter luncheon (half price nachos) at Klondike Kates, a local restaurant, who gave us an upstairs room for free with several tables put together for our students and faculty. The Chairman of the Electrical & Computer Engineering Department attended in place of our advisor, and facilitated the meeting with our help. We had 20 students, faculty and post-docs in attendance, and we made good plans for the year, asking the question to each member, "what do you want your chapter to do for you?" We voted and decided to not give up our Visiting Lecturer Grant, and instead pledged to utilize it for a quest speaker in March 2009.




Fundraising and Seminar by Dr. Jean-luc Doumont on 12-Mar-2008

We were awarded a Visiting Lecturer Grant and were able to raise \$1500 in cash funding, and another \$555 in soft funding (to pay for the venue and for a small lunch reception) for Dr. Doumont, and we had over 240 students, faculty and guests in attendance. The session was extremely well received, and the various factions of the University have earmarked doing something like this again next year. We did have to beg for money though, but once the Dean of our college was onboard, amazingly enough, everyone else jumped in too.


Structuring your scientific paper

by Jean-luc Doumont Thursday 12 March 2009
10:00 am - 1:00 pm

Everyone is welcome! Trabant Theater
Trabant Student Center



Paper is one of the few deliverables of the work of researchers. Well designed, it will convince the reader to take only what he or she needs to. Poorly designed, by contrast, they will be read, but the papers discarded, or made unread. Based on Dr. Doumont's book, Theory, maps, and theories about effective communication for technical articles, the lecture shows how to structure scientific papers, abstracts, and technical reports effectively all kinds to get the reader's attention, facilitate navigation, and, in this way, get the message across optimally.



An engineer from the Institute National of Engineering and Applied Sciences from Bradford University, Jean-luc Doumont has done his time and energy in teaching engineering, technical, business people, and other related fields in effective communication, pedagogy, technical thinking, and related domains.

Articulate, entertaining, and thought-provoking, Dr. Doumont is a pro for limited speakers' abilities, in particular at international scientific conferences, research laboratories, and top technical universities. For additional information, visit www.jldoumont.fr.

sponsored by the student chapter at the university of delaware, the college of engineering, the office of graduate and professional studies, the office of research, and several departments.

Additions to the local chapter SPIE Student Library

CD - Optical Engineering (complete volumes 2004-2007)

CD - Journal of Applied Remote Sensing (complete volumes 2007)

CD - Journal of Micro/Nanolithography, MEMS and MOEMS (complete volumes 2004-2007)

CD - Journal of Electronic Imaging (complete 2004-2007)

CD - Journal of Biomedical Optics (complete volumes 2004-2007)

CD - Journal of Nanophotonics (complete volume 2007)

BOOK - Introduction to Fourier Optics (Goodman, 3rd ed.)

BOOK - Trees, Maps and Theorems – Effective Communication for Rational Minds (Doumont, 1st ed.)

Chapter Financial Activity

Date	Description	Credit	Debit	Balance
4/18/2008	OPENING BALANCE (chartering date)			\$0.00
7/1/2008	Funding - SPIE Activity Grant	\$700.00		\$700.00
8/8/2008	Funding - Dr. Dennis Prather (registration for Mike Roman)	\$240.00		\$940.00
8/8/2008	Funding - Dr. Arce Gonzolos (registration for Xu Ma and support)	\$563.00		\$1,503.00
8/8/2008	Funding - Waive of Conference Registration Fee (for Lee Stein)	\$220.00		\$1,723.00
8/8/2008	Travel Expenses to Optics & Photonics for 3 students members (Lee Stein, Xu Ma, and Mike Roman)			\$1,723.00
	Airfare		\$1,323.00	\$400.00
	Conference Registration and Membership Fees		\$700.00	-\$300.00
8/29/2008	Funding - SPIE Travel Grant	\$1,000.00		\$700.00
9/5/2008	Membership Drive Activities		\$60.00	\$640.00
10/2/2008	Chapter Luncheon - Klondike Kates		\$136.70	\$503.30
10/2/2008	Donation to Chapter (Dr. Chris Schuetz)	\$20.00		\$523.30
3/3/2009	Funding - Seminar on Technical Writing & Effective Communication			\$523.30
	Funding - ElecEng Department Grant	\$100.00		\$623.30
	Funding - College of Engineering Grant	\$500.00		\$1,123.30
	Funding - MechEng Department Grant	\$100.00		\$1,223.30
	Funding - ChemEng Department Grant	\$100.00		\$1,323.30
	Funding - MatSci Department Grant	\$100.00		\$1,423.30
	Funding - CivilEng Grant	\$100.00		\$1,523.30
	Funding - Office of Research	\$555.00		\$2,078.30
3/12/2009	Honorarium for Dr. Jean-luc Doumont Seminar		\$1,500.00	\$578.30
3/12/2009	Rental Fee for use of UofD Trabant Theater and Staff Support		\$500.00	\$78.30
3/12/2009	Lunch reception for Visiting Lecturer		\$55.00	\$23.30
3/31/2009	CLOSING BALANCE (for 2008-2009 fiscal year)			\$23.30
<hr/>				
Additional:				
<hr/>				
The Office of Graduate Studies supported the reservation of a hotel room for Dr. Doumont on the University Campus, and was reimbursed directly from our SPIE Visiting Lecturer Grant				

Planned Future Chapter Activities

May 2009 – Chapter Meeting/Luncheon and Election of Officers (overdue for next year)

August 2009 – Possible participation in SPIE O&P Conference and Student Leadership Workshop

March 2010 – Visiting Guest Lecturer

ACOPS – sometime during the Spring 2010 in Washington DC

Respectfully submitted,

E. Lee Stein, Jr.

**E. Lee Stein, Jr. – President 2008-09
SPIE Student Chapter at the University of Delaware**