

Student Chapter Bi-Annual Report June 2007

New Officers for the '07-'08 School Year

Camille Magno	President	ctmagno@ucdavis.edu
William Yee	Vice President	wjyee@ucdavis.edu
Aaron Gong	Secretary/Treasurer	acgong@ucdavis.edu
Scott Morgan	Activities Chair	smmorgan@ucdavis.edu
Nicholas Antipa	Activities Chair	naantipa@ucdavis.edu
Brandon Miller	EJC Representative	bmiller@ucdavis.edu
Sean Inaba	Webmaster	skinaba@ucdavis.edu

Current Members

Arian Abed-Amoli	Everest Liu
Aaron Gong	Camille Magno
Bing Guo	Michael Mele
Stanley Hendratna	Scott Morgan
Sarah Hsia	Erik Nackerud
Sean Inaba	Kathy Nguyen
Ian Kennedy	Evan Prast
Shayna Khatri	Susan Ustin
Changqing Li	

Club Activity (January–June 2007)

- 1) Jan 9: Officer's meeting. Discussed and finalized plans for the UC Davis Optics Club logo design contest. Also finalized planning for an Industry tour to Tinsley Laboratories (now L3), and for attending Photonics West in San Jose, Ca. Progress reports on the construction of the digitally modulated Laser Maze, planning for future outreach events and displays for UC Davis Engineering Week were given. Attendance: 9.
- 2) Jan 11: General meeting. Club voted on favorite Optics Club logo designs. New logo was chosen. Information on the Tinsley Lab tour, Photonics West, Laser Maze, Outreach and UC Davis Engineering Week was shared with the members of the club. Also discussed the possibility of a cabin trip to Lake Tahoe. Attendance: 16.

- 3) Jan 19: Industry Lab tour of Tinsley. Members had the opportunity to observe how optics are made and a sneak peak at the mirrors being made for use on the James Webb Telescope. Tours were given by four, UC Davis Optical Engineering Major Alumni. Attendance: 13.
- 4) Jan 23-25: Photonics West. Members attended the exhibition and had the opportunity to learn more about the optics industry.
- 5) Feb 9: Officer's meeting. Discussed plans for an outreach event to the Explorit Science Center in Davis, Ca. Progress report on new Laser Maze construction was given. Ideas about component donations, from the University and industry, and project funding were discussed. Attendance: 8.
- 6) Feb 16: General meeting. Information about the outreach event to the Explorit Center was shared with the members. UC Davis campus wide events, Engineering Week and Picnic Day, were discussed. Gathered design ideas for Optics Club Picnic Day float. Background check forms for a Lawrence Livermore National Lab tour were distributed to all members. Attendance: 14.
- 7) Feb 23: Optics outreach exhibit crash course was given to newer members. Attendance: 8.
- 8) Feb 24: Outreach event to the Explorit Science Center. Shared optics such as lenses, polarizers, holograms, diffraction gratings and mini laser maze with visitors to the Science Center. Attendance: 10.
- 9) Mar 7: General Meeting. Finalized plans with Dr. Yin Yeh to tour the National Ignition Facility at the Lawrence Livermore National Laboratories. Also, discussed arrangements for members to attend the Optical Fibers Conference in Anaheim, Ca, and Lake Tahoe cabin trip. Attendance: 12.
- 10) Mar 15: Lab tour of the National Ignition Facility. Dr. Yin Yeh and his friends at LLNL led members on a tour of the National Ignition Facility. Members were given the opportunity to observe the construction of the high powered laser housing and fusion chamber for the NIF fusion project. Also, members visited the mercury laser room at NIF. Attendance: 11.
- 11) Mar 27-29: Optical Fibers Conference. A few members attended the Optical Fibers Exhibition in Anaheim, Ca. Members had the opportunity to talk to industry and hand out a few resumes. Attendance: 4.
- 12) Mar 30-Apr 1: Lake Tahoe cabin trip. Members had the chance to relax and bond with each other. Some members went snowboarding and skiing, while others hiked and enjoyed the mountains. Attendance: 18.

- 13) Apr 5-10: Picnic Day float construction. Members worked together to build a float to represent the Optics Club for UC Davis' Annual campus wide event, Picnic Day. Attendance: 8.
- 14) Apr 7: UC Davis Welcome Week Outreach. Members displayed optics for incoming freshmen in order to sway them to study the optical sciences.
- 15) Apr 11: General Meeting. Went over the game plan for the Optics room and full digitally modulated Laser Maze on Picnic Day. Attendance: 15.
- 16) Apr 14: Picnic Day. Members described and displayed optics for Picnic Day visitors. Also, ran the full scaled Laser Maze for Picnic Day volunteers. The new digitally modulated Laser Maze was made with a green laser for increased visibility. Attendance: 21.
- 17) May 16: General Meeting. Discussed an outreach event to Center High School in Sacramento, Ca. Also, new club officers were elected. Attendance: 10.
- 18) May 23: Outreach event to Center High School. Members shared optics with high school physics club members. Students ranged from sophomores to seniors. Attendance: 10.
- 19) June 1: Newly elected officers threw a barbeque on campus for the other members as well as potential members of the Optics Club. Attendance: 30.

Future Events

- 1) Optics & Photonics Leadership Workshop and Conference: Aug 25th-30th
- 2) Frontiers in Optics: Sept 16th-20th

Financial Information

Starting Balance = \$1097.99

Picnic Day Float Grant = \$200.00

Expenses	Amount	Balance
New Club Logo	\$100.00	\$1197.99
New Laser Maze Components	\$197.35	\$1000.64
Outreach (Gas)	\$122.54	\$878.64
Picnic Day Float	\$56.34	\$821.76
Extra Picnic Day Materials	\$15.88	\$805.88
Cabin Trip	\$178.53	\$627.35
Food (meetings, after outreach meals, barbeque)	\$369.36	\$257.99

Ending Balance = \$257.99

Event Photos

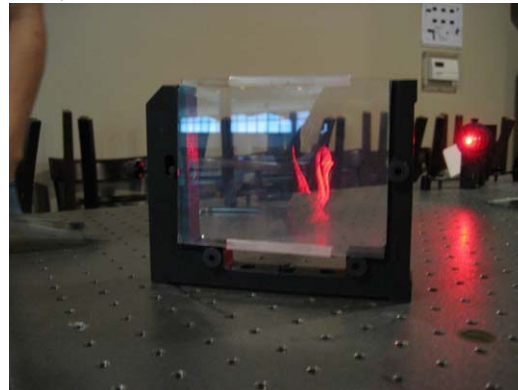
Tinsley Tour:



Photonics West:



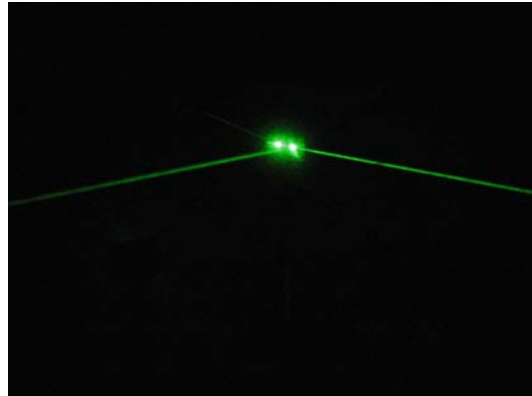
Outreach at the Explorit Science Center in Davis, Ca:



New Digitally Modulated Green Laser Maze:
with flash



without flash



UC Davis Picnic Day:
Diffraction Display



Liquid Crystal Display



Lake Tahoe Cabin Trip:



Thank you for the opportunity to represent your organization!

Sean Inaba
SPIE President '06-'07
UC Davis Chapter