The member list of SPIE Student Chapter in this period year is the following:

1. Mr. Ciara Close
2. Ms. Damien Kelly
3. Mr. David Monaghan
4. Mr. Gavin Mulvihill
5. Mr. James Egan
6. Mr. John Ging
7. Mr. John Kelly
8. Mr. John White
9. Mr. Kenneth Fahy
10. Mr. Kenneth Jackson
11. Mr. Lucy Liu
12. Mr. Lynn Gaynor
13. Ms. Michael Lysaght
14. Mr. Michael Lysaght
15. Mr. Patrick Hayden
16. Mr. Paul Sheridan
17. Mr. Robert Patten
18. Mr. Sean O’Duill

List of officers:

1. President,  
   Mr. David Monaghan  
david.monaghan@ucd.ie
2. Vice-President,  
   Mr. Damien Kelly  
mgleeson@ee.ucd.ie
3. Secretary,  
   Ms. Michael Lysaght  
michael.lysaght@ucd.ie
4. Treasurer  
   Mr. John Kelly  
john.Kelly@ucd.ie
5. Women’s Officer  
   Ms. Ciara Close  
Ciara.close@ee.ucd.ie
6. Entertainments Officer  
   Damien Kelly  
Damien.Kelly@ucd.ie
Chapter Activities:

1. **Guest Lecturers:**
   
   We had no guest lectures for this half of the year.

2. **Attendance at SPIE events:**

   I. “SPIE Europe International Symposium Opto Ireland 4 to 6 April 2005 Dublin Ireland”

   Royal Dublin Society, Dublin Ireland.

   All chapter members attended this event and the following members, along with members from the DCU chapter, worked at the conference and in doing so received free fees for the conference and a year's membership to SPIE.

   Ciara Close
   Damien Kelly
   David Monaghan
   Gavin Mulvihill
   James Eagan
   John Kelly
   Lynn Gaynor
   Michael Gleeson
   Michael Lysaght
   Patrick Hayden
   Sean O'Duill

   View the newsletter:
   http://spie.org/Membership/pdfs/OptoIre_Student.pdf
All of the following students gave an oral or poster presentation or both during the course of the conference. Below is a list of the presentations.

**Optical Information Systems II**  
*Thursday August 5th 2004*  
*Session 6*


- “A practical numerical theory for light propagation in Erbium-Doped Waveguide Amplifiers”, J. A. Ging, R. F. O’Dowd


- “The evolution of 4d photoabsorption in tellurium with increasing ionisation”, L. Gaynor, N. Murphy, A. Cummings, G. O'Sullivan, M. Lysaght, P. Hayden, D. Kilbane, J. T. Costello, E. Kennedy, P. van Kampen


- "EUV laser produced plasma source development for lithography", P. Hayden, P. Sheridan, G. O'Sullivan, P. Dunne, L. Gaynor, N. Murphy, A. Cummings


- "FM response of a tunable laser incorporating thermal effects," G. Mulvihill and R. O'Dowd

- "Effects of fiber cross phase modulation in wavelength division multiplexed systems which employ simultaneous amplitude and frequency modulation", S. O'Duill, R. F. O'Dowd
3. **Financial Information:**

As of yet we have claimed no money from SPIE and we have raised no money.

A travel scholarship of 1000 dollars was obtained for David Monaghan to attend the 50\textsuperscript{th} SPIE International Conference in San Diego.

We Received 700 dollars for chapter funding which we spend during the course of Opto-Ireland on student activities.