Activity Report – July 2010

National Institute for Atomic Physics – Romanian SPIE Student Chapter
Chapter president due to May 2010 - Laura Mihai
Chapter Advisor – Dr. Clementina Timuș

1. Elected officers starting with 31 May 2010:
   a. Viorel Năstasă – Chapter President – viorel.nastasa@inflpr.ro
   b. Laura Mihai – Chapter Vice – President – laura.mihai@inflpr.ro
   c. Mihai Boni – Chapter Secretary – mihai.boni@inflpr.ro
   d. Radu Stancu – Chapter Tresurer – radu_florin_stancu@yahoo.com

2. List of current Student Chapter Members:

<table>
<thead>
<tr>
<th>Name</th>
<th>Name</th>
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<tr>
<td>1 Eugenia Simona Badita</td>
<td>21 Teofil Minea</td>
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<td>2 Stefan Banita</td>
<td>22 Viorel Năstasă</td>
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<td>3 Laurentiu-Aurelian Baschir</td>
<td>23 Ana-Maria Niculescu</td>
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<td>4 Sabin Bogdan</td>
<td>24 Rovena-Veronica Pascu</td>
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<td>5 Mihai Boni</td>
<td>25 Mihai Patachă</td>
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<td>6 Laurentiu Braic</td>
<td>26 Andrei Popescu</td>
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<td>7 Chitl Catalin</td>
<td>27 Camelia Popescu</td>
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<td>8 Andreea Chis</td>
<td>28 Silviu Popescu</td>
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<td>9 Elena Cociocaru</td>
<td>29 Daniel Rizea</td>
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<td>10 Iulia Costescu</td>
<td>30 Madalin Mihai Rosu</td>
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<td>11 Ioan Dancus</td>
<td>31 Madalin-Ion Rusu</td>
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<td>12 Nicusor Iacob</td>
<td>32 Anca Scarisoreanu</td>
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<td>13 Alina Ilie</td>
<td>33 Cristian Gabriel Schiriac</td>
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<td>14 Laura Ionel</td>
<td>34 Natalia Serban</td>
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<td>15 Raluca Iordanescu</td>
<td>35 Adriana Loredana Smarandache</td>
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<td>16 Iulia Elena Jivanescu</td>
<td>36 Radu Florin Stancu</td>
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<td>17 Consuela Elena Matei</td>
<td>37 Marina-Nicoleta Tautan</td>
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<td>18 Laura Mihai</td>
<td>38 Eugenia Vasile</td>
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<td>19 Cristian Nicolae Mihaiescu</td>
<td>39 Tiberius Vasile</td>
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<td>20 Andra Militaru</td>
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3. Details of Chapter activities:

   a) One of the most important and new chapter activities is the organization of the first student collaborative conference in Romania on Laser Applications: International Student Workshop on Laser Applications 2010 (ISWLA’10: http://iswla10.inflpr.ro ). The conference was held at Bran, Romania in period 24 – 28 May 2010 and it was organized in collaboration with other student chapters from: Ukraine, Armenia, Poland and Rusia. The members of the organizing committee:
      - Coordinator: Laura Mihai
      - Advisor: Clementina Timus
      - Local organizers: Viorel Năstase, Mihai Boni, Catalin Constantinescu, -INFLPR
Ruxandra Cojocaru, Flavia Frumosu, Radu Stancu – "Politehnica" University Bucharest
- Web design: Silviu Popescu: INFLPR
  Daniel Rizea: "Politehnica" University Bucharest
Participant SPIE Student Chapters: Poland Torun 5 persons and Wroclaw: 2 persons
  Armenia: 2 persons
  Ukraine 1 person
  Romania: 19
Course 1: “The Craft of Scientific Presentations” by Michael Alley
Course 2: “The Craft of Scientific Writing” by Michael Alley
Papers submitted:
  - 9 invited papers – we had the honor to listen the invited lecture of Prof. Dr. Katarina Svanberg, from University of Lund (the elected president of SPIE).
  - 21 oral presentations
  - 27 posters.
We offered three different awards for: - the best presentation: Szymon Tamborski I Poland
  Radu Stancu II Romania
  -the best Poster: Vardanyan Karen Armenia
Social Program: Folk evening, camp fire and songs, Romanian evening with traditional dances, karaoke, trip to Castle Bran, Brasov and Poiana Brasov.
Conference funds:
  - National Institute for Optoelectronics – sponsorship for conference accommodation
  - University Bucharest – sponsorship for conference accommodation
  - Romanian Society for Physics – sponsorship for poster award
  - Romanian Association for Photonics – sponsorship for both oral presentations awards
  - National Authority for Scientific Research – sponsorship for conference services
  - “Radiatia” Trade Union – sponsorship for conference accommodation.

b) Another chapter activity was the collaborative conference OPTO from Torun. Three members from our chapter attended the conference from Torun and each of them held an oral presentation. Their travel was supported by SPIE collaborative grant received, equal to 250$. 
c) Also we organized **outreach activities (in March, April, May, June)** in some schools from Romania ([http://spie.inflpr.ro/activities.html](http://spie.inflpr.ro/activities.html)), where members from our chapter presented lasers applications and principles. Also students were involved in demonstrations sessions using laser fascicle and mirrors (Hit the target kits). At each event we had at least 40 students and teachers.

d) **We organized laboratory visits** (in February and June).
e)Details of planned **activities for the future.**
In the next half of year we will continue the outreach activities in other schools from Romania.
We will organize:
- Schools and students competitions, through LaserFest activities.
- Some other laboratory visits.
- Seminaries for students from gymnasium to University.

**f) Financial information.**
I. **Beginning balance:** 0
II. **Funds raised and expended** (indicate amounts and source/destination):

- 1300 $ from SPIE activity grant: spent 700$ for ISWLA’10 – members attending and conference materials costs.

- 250 $ from collaborative SPIE grant was spent for 3 chapter members travel support in order to attend OPTO conference from Torun.

- 500 $ from LaserFest grant – 50$ was spent for activity material costs and travel costs.

**III. Other sources (please specify):**
- National Institute for Optoelectronics – sponsorship for conference accommodation: 1000 euro
- University Bucharest – sponsorship for conference accommodation: 1000 euro
- Romanian Society for Physics – sponsorship for poster award: 100 euro
- Romanian Association for Photonics – sponsorship for both oral presentations awards: 450 euro (150 euro + 100 euro)
- National Authority for Scientific Research – sponsorship for conference services: 2000 euro
- "Radiatia" Trade Union – sponsorship for conference accommodation – 1000 euro

**IV. Ending balance**
The 400 $ amount is necessary for LaserFest competitions awards planed.

600 $ - chapter activities specified above.

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**June 2010**

**Chapter President due to May 2010**
Laura Mihai