STUDENT CHAPTER REPORT
“NOVEMBER 2008”
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1. ADMINISTRATIVE FACILITIES

1.1. Administration

President: Mustafa Emin (memin@ku.edu.tr)
Vice-President: Ahmet Yagmur (ayagmur@ku.edu.tr)
Treasurer: Huseyin Ikizler (hikizler@ku.edu.tr)
Advisor: Ali Serpenguzel (aserpenguzel@ku.edu.tr)

1.2. Membership

There are 5 student members listed in SPIE webpage.

<table>
<thead>
<tr>
<th>Name</th>
<th>Expires</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mustafa Emin</td>
<td>31 May 2009</td>
</tr>
<tr>
<td>Mohammed Murib</td>
<td>30 September 2009</td>
</tr>
<tr>
<td>Tuncay Ozel</td>
<td>31 March 2009</td>
</tr>
<tr>
<td>Hasan Yilmaz</td>
<td>31 October 2009</td>
</tr>
<tr>
<td>Emre Yuce</td>
<td>30 September 2009</td>
</tr>
</tbody>
</table>

2. CHAPTER NEWS

2.1. Graduate School Acceptance

<table>
<thead>
<tr>
<th>Name</th>
<th>University</th>
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<tbody>
<tr>
<td>Sultan Aydogan</td>
<td>University of Illinois at Urbana-Champaign</td>
</tr>
<tr>
<td>Ahmet Faruk Coskun</td>
<td>University of California at Los Angeles</td>
</tr>
<tr>
<td>Bora Karasulu</td>
<td>Koc University</td>
</tr>
</tbody>
</table>

2.2. Our webpage is under development
3. CHAPTER ACTIVITIES

3.1. SOLAR BLIMP RACE

The solar energy is not widely used in Turkey although there are appropriate conditions, therefore we want to increase the popularity of using solar energy. Our aim is to take attention of children for solar, and then we decide to organize a race about solar among elementary and high school’ students. In this project students will have fun, they will prepare to team work, and they will learn the scientific knowledge about using solar energy. Our chapter organized the solar car race and the solar boat race before. We want to organize a new vehicle race using solar, and we decided to The Solar Blimp Race which is the first solar race using solar on blimp in the world.

Because of bad air condition in 3 May, the race was held 17 May 2008 at Koc University. Each team has three compeer members, and each team has an advisor from our chapter members. The are twelve teams, and twelve advisors. The number of participant The competition was in two categories, desing and the race. There are three special awards for each state of students (elementary and high schools) in the race, and one in the desing
competition. There are seven special awards for students, and each participant awarded with one medal and one t-shirt of SPIE. All of the cost was funded by SPIE.

For the race, one part of a tennis court was used, and each side of the area was closed to prevent the affect of the wind. The distance between the start line and the finish line is two meters. The best timing team won the race.
3.2. 4. SCIENCE FESTIVAL FOR KIDS

In 3 May 2008 4. Science Festival for Kids was held in Koc University. The one day fest will consist of presentations and short courses on optical science to encourage the high school students. This fest organized together with the OSA chapter of KU.

3.3. VISITING LECTURER
Our chapter contacted with Dr. Joseph Howard to give a lecture to our students and professors. He accepted to give a lecture, and after he decided to the time of lecture we fill the visiting lecturer request form.

4. **CONCLUSION**

In this report our chapter presented information related to its administrative structure, news, and activities from the chapter. This year we will complete a big organization to increase the using of solar. In this organization we teach the benefits of using solar energy to the elementary and high school students and encourage them for physics, specially optics.