Annual Report 2014

SPIE Student Chapter of Institute of Atmospheric Optics SB RAS, Tomsk, Russia

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2013 November 05, At the third SPIE Student Chapter meeting the decision about increasing the members count has been made.

2014 March 10, At the first SPIE Student Chapter meeting the members presented report about their scientific work.

2014 March 10, At the second SPIE Student Chapter meeting the decision about supporting the SPIE Student Chapter members to the International conference has been made.

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**Organizing scientific seminars and lectures**

Through all the scientific seminars of SPIE Student Chapter the members told about their scientific interests and researches.

In this year we continue to organize series of lectures on Spectroscopy and Photonic. At this meeting post-graduate students and research workers were also invited. Our SPIE Student Chapter ran series of lectures on Photonic. Lectors are professors from Division of Radiative Components of Climate and Optical Diagnostics of the Environment of IAO SB RAS.

Also the president of SPIE student Chapter will make tow special lectures: “The physical-optics approximation and its application to light backscattering by hexagonal ice crystals” at the 14th International Electromagnetic and Light Scattering Conference, 17-21 June 2013, Lille, France and “Retrieving the microphysical characteristics of cirrus clouds from lidar data by depolarization and color ratios” at SPIE Remote Sensing 2014, 22-25 September, Amsterdam, Netherlands.

**Some photo**
Members of SPIE Student Chapter of Institute of Atmospheric Optics at the XVII Symposium on High Resolution Molecular Spectroscopy

Poster section
Discussing at the poster section

Incomplete list of participation at conferences:


Kolotkov G.A. Radiological and geophysical changes around the Fukushima Daiichi Nuclear Power Plant since the accident to the present time // EGU General Assembly 2013, Vienna, Austria, 07 – 12 April 2013.


Some Publications:


Konoshonkin A.V., Borovoi A.G. Specular scattering of light on cloud ice crystals and wavy water surface //Atmospheric and Oceanic Optics. 2013, V.26, №.5, p.438-443.

Financial information:

Beginning balance – 750$

1. Carrying out of the Chapter meetings and scientific seminars, lectures – 100$


3. Travel support, registration fee, accommodation and other expenses associated with participation in conferences registration costs associated with attending an conference – 350$

4. Payment of a membership dues for SPIE Chapter members – 200$

Ending balance – 50$

Future activities:

1. Increasing number of scientific seminars and lectures concerning Atmospheric Optics.

2. Visits in laboratories of our Institute and other Institutes.

3. Take part at the SPIE conferences and other conferences.

4. Use of SPIE grants and scholarships available to Chapter and individual Chapter members to support travel for conferences and research activities.