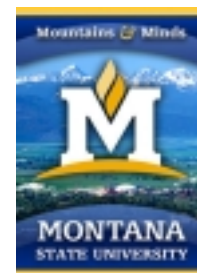


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Montana State SPIE Student Chapter Semi-Annual Report 2007a

#	Member ID	Position (2007-2008)	Name	Email	phone (406)	Dept.	Degree Seeking
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1	03050007	Pres	Seth Humphries	seth.humphries@myportal.montana.edu	994-7183	E.C.E.	Ph.D.
2	00666051	Vice Pres	Nikolay Makarov	makarov@physics.montana.edu	599-3959	Physics	Ph.D.
3	03160285	Secretary	Chris Arrasmith	christophe.arrasmith@myportal.montana.edu	570-0147	E.C.E.	M.S.
4	03155819	Treasurer	Kerry Neal	kerryaneal@gmail.com	(508)868-3785	Physics	B.S.
5	03155815	Activities	Joshua Rouse	jr40875@gmail.com	599-7462	E.C.E.	M.S.
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8	03070267	-	Amin Nehrir	a3_nehrir@hotmail.com	451-9678	E.C.E.	M.S.
9	03043554	-	Marshall Overcast	movercast@gmail.com	450-3505	E.C.E.	M.S.
10	03155808	-	David Hoffman	davidhoffman@coe.montana.edu	994-7183	E.C.E.	M.S.
11	?	-	Jesse Way	taro_78@hotmail.com	599-7460	E.C.E.	B.S.
12	03157871	-	Nick Jurich	nijaju@yahoo.com	249-0279	E.C.E.	B.S.
13	03150450	-	Daniel Koepke	dkoepke@physics.montana.edu		Physics	M.S.

Past Activities

In the first half of 2007, we only held two meetings and no real activities. However, we planned some forth coming activities for fall 2007. We planned some recruitment strategies including printing several letter size fliers to post on member office doors and with departments where recruitment is likely. For recruitment we additionally planned to create and print two large posters similar to the smaller fliers but with some more detail. We held the last meeting of the semester on May 11th for which the chapter provided pizza and we held officer elections. The member list above reflects the nominations and votes for officers for the 2007-2008 academic year.

Planned Activities

1. We will be joining with the local student chapter of IEEE for a welcome BBQ for new students (somewhere in the beginning of September 2007).
2. Tour to Big Sky Laser. Inspired by our successful tour to ILX Lightwave this is the second planned tour. We are going to have annual tours to the industry site, which is widely presented in Gallatin Wally.
3. In the fall 2007 semester we are going to organize short tours for our members to visit all optics-related labs on our university campus.
4. Some of our chapter members are going to the meeting of SPIE Chapters at Optics&Photonics-2007.

Financial Statement

Our Chapter now has a bank account. We used part of our funds, and now it is the job of our new Treasurer to find our balance (about \$280.00) and plan fund raising activities.

Publications and Conference Papers from 2007 that involve our student members (partial list based on input received by report deadline):

1. Makarov N.S., Rebane A., Drobizhev M., Wolleb H., Spahni H., "Resonance enhancement of two-photon cross section for optical storage in the presence of hot band absorption", Proc. SPIE, vol. 6470, 2007, (in print).
2. Makarov N.S., Rebane A., Drobizhev M., Wolleb H., Spahni H., "Optimizing two-photon optical storage in the presence of hot band absorption", Photonics West 2007, 20-25 January 2007.
3. Makarov N.S., Rebane A., Drobizhev M., Wolleb H., Spahni H., "Resonance enhancement of two-photon cross section for optical storage in the presence of hot band absorption", Photonics West 2007, 20-25 January 2007.
4. Drobizhev M., Makarov N.S., Rebane A., Hughes T.E., "Observation of new strong high-frequency feature in two-photon absorption spectrum of GFP and its description within three-level model with resonance enhancement", Annual Meeting of Biophysical Society 2007, 3-7 March 2007.
5. Makarov N.S., A. Rebane, M. Drobizhev, H. Wolleb, H. Spahni, "Optimizing two-photon absorption for volumetric optical data storage", JOSA B, 2007, (accepted).

Grants and Awards received during 2007 by our members

1. Nikolay Makarov: SPIE-BACUS Scholarship.