

New England Particle Physics Student Retreat - NEPPSR

North Woodstock, New Hampshire

August 17-22, 2003

Dear Student,

I would like to invite you to the second New England Particle Physics Student Retreat (NEPPSR) which will take place in New Hampshire during the week of August 17-22, 2003. The event is being organized jointly by the high energy physics groups at Boston University, Brandeis University, Harvard University, Massachusetts Institute of Technology, University of Massachusetts-Amherst, Tufts University, and Yale University. Last year this event was an exciting one for both students and faculty, and by popular consensus we have decided to continue the tradition this year. Some pictures of last year's activities can be found at the NEPPSR web site <http://physics.bu.edu/NEPPSR>.

NEPPSR is a week-long retreat for graduate students in experimental high energy particle physics. It will take place in New Hampshire's White Mountains at the Lexington Ski Club Lodge in North Woodstock NH. It is primarily intended for students who are in their first years of graduate study, and are either committed to or are interested in pursuing a PhD in particle physics. However, it may also be of interest to incoming or more advanced students. There will be seminars on the hot topical items in the field as well as those topics that never seem to get covered in the usual graduate course curriculum (analysis methods and detector design!). Faculty from the participating schools will be attending the retreat and leading the seminars. A topical outline for the week is included at the end. As this year's program details evolve they will be posted at the web site.

The retreat is being held at the rustic Lodge of the Lexington Ski Club in North Woodstock NH. There will be a welcoming reception Sunday evening, August 17, and breakfast, lunch and dinner will be served at the lodge on Monday through Friday. There will be time off for outings at various times during the week: there are many beautiful hiking trails in the area or one can ride a gondola to the top of Canon Mountain and a steam train to the top of Mount Washington (NE's highest peak). Other nearby attractions are a water slide and a microbrewery. You can find pictures of the area at <http://www.whitemtn.org>.

Accommodations at the lodge range from private rooms to shared rooms with several bunks. Although linens and towels will be provided we'll be expected to make our own beds and do our own meeting space setup. As a result we will be able to keep our costs of the week low, and students attend for free.

I very much hope you will plan to attend this retreat. At this point we would like to know if you are interested so that we can put you on our mailing list (and estimate our attendance). Last year approximately 30 students and 20 faculty took part. Packets with registration forms will be sent out in in early April and the registration deadline will be around May 1. In the meantime it would help us immensely if you would fill out the brief questionnaire at the end and return it to me as soon as possible (or let me know in person).

PROGRAM SYNOPSIS (the schedule will evolve at <http://physics.bu.edu/NEPPSR>)

1. Particle Physics Experiments current and future
2. Particle Theory: SUSY, extra dim, CP, and neutrino osc,...
3. Astrophysics - experiment and theory
4. Particle Detectors and how they work
5. Analysis Methods and Statistics

ORGANIZING COMMITTEE

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-----Please detach and return ASAP-----

I am interested in attending NEPPSR, Aug 17-22 _____

I have other commitments and cannot attend _____

If I attend I have the following special dietary needs:

The topics that most interest me from the synopsis above are:

Any other comments are welcome!