

New England Particle Physics Student Retreat - NEPPSR

Craigville Beach, Massachusetts

August 22-27, 2004

We would like to invite you to the third New England Particle Physics Student Retreat (NEPPSR), which will take place on Cape Cod during the week of August 22-27, 2004. The event is being organized jointly by the high energy physics groups at Boston University, Brandeis University, Brown University, Harvard University, Massachusetts Institute of Technology, Northeastern University, University of Massachusetts-Amherst, Tufts University, and Yale University. In previous years this event has been an exciting time for both students and faculty, and by popular consensus we have decided to continue the tradition this year. The program and talks as well as some pictures from previous retreats can be found at the NEPPSR web site <http://physics.bu.edu/NEPPSR>.

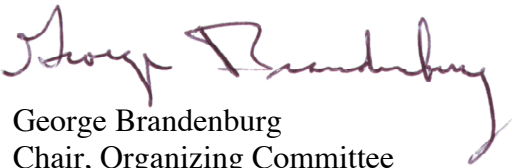
NEPPSR is a week-long retreat for beginning graduate students in experimental particle physics and related fields. It is primarily intended for students who are in their first years of graduate study, and are either committed to or are interested in pursuing a PhD in particle or astro-particle physics. However, it may also be of interest to incoming or more advanced students. There will be seminars on the hot topics in the field, both experimental and theoretical. There will also be talks on 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 program details evolve they will be posted at the web site.

The past two years NEPPSR has been held in New Hampshire's White Mountains, but this year we will be moving to the Cape! The retreat is being held at the Craigville Conference Center near Hyannis, which is on a bluff overlooking the beach. There will be a welcome reception Sunday evening, August 22, and all meals will be provided by the Center from Monday breakfast through Friday lunch. We will have continental breakfast served at the Lodge, and will make a 10 minute walk to the Craigville Inn for lunch and dinner. There will also be time off for trips to the nearby gorgeous beach or elsewhere on the Cape. You can find pictures at http://www.hepl.harvard.edu/~gwb/NEPPSR_Photos/Craigville.html.

We will have the use of two large houses, The Lodge and The Manor at the Conference Center. The houses together have a total of 21 bedrooms, each with multiple beds and a bath. Students will be assigned to share the larger rooms. A few private rooms may be available for students bringing a spouse/partner. The costs for students will be paid by their schools, however, a guest will be charged \$350 for food and lodging for the week.

We very much hope you will plan to attend this retreat. Each of the last two years approximately 30 students and 20 faculty took part in NEPPSR, and we are hoping for similar numbers this year. To help us with our planning please return the enclosed registration form as soon as possible, but no later than May 15, either to the address on the form or to a member of the Organizing Committee. The form will also be online at <http://physics.bu.edu/NEPPSR> and can be emailed to neppsr@huhepl.harvard.edu. We would also appreciate receiving a brief email if you cannot attend and would welcome any comments or suggestions.

Best regards,



George Brandenburg
Chair, Organizing Committee
Harvard University HEPL

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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