

Second Announcement and Call for Papers

1999 Workshop on Nonneutral Plasmas

*August 2-5, 1999
Princeton, New Jersey*



Location and Sponsorship:

The 1999 Workshop on Nonneutral Plasmas will be held on the Princeton University campus from August 2-5, 1999. This workshop will be hosted by the Princeton Plasma Physics Laboratory, and sponsored by the U.S. Office of Naval Research, the U.S. Department of Energy, and Princeton University. The workshop will follow the format of the previous, very successful workshops held in Boulder, CO (1997), Berkeley, CA (1994), Irvine, CA (1992), and Washington, D.C. (1988).

The Workshop will consist of plenary sessions (for about two-thirds of the day), held in Jadwin Hall, on the main campus of Princeton University, followed by poster sessions in the late afternoons.

There will be a preconference reception beginning at 6:00 p.m. on August 1, 1999. The conference banquet will be held on Tuesday evening, August 3.

Topics:

The purpose of the workshop is to provide a stimulating forum for exchange of current scientific information among the diverse areas of plasma physics, atomic physics, and chemistry which study the fundamental properties and applications of nonneutral plasmas. Topics covered by the workshop will include:

- Transport studies
- Nonlinear dynamics
- Vortex and turbulence studies
- Single-species plasma traps
- Storage rings
- Ion cyclotron resonance spectroscopy
- Dusty plasmas
- Applications and instrumentation
- High-intensity accelerators
- Antimatter plasmas

Abstract Deadline:

Abstracts are to be submitted in accordance with APS rules (12-cm length x 10.5-cm width, 200 words maximum). Abstracts must be submitted by mailing a hard copy by **May 14, 1999** to *1999 Workshop on Nonneutral Plasmas* c/o Ms. Terry Greenberg, Princeton Plasma Physics Laboratory, P.O. Box 451, MS-17, Princeton, New Jersey 08543.

In your abstract submission, please indicate your preference for an oral or poster presentation. The Organizing Committee may not be able to honor your preference, but will certainly make an effort to do so.

Instructions to Authors:

A workshop proceedings will be published in the American Institute of Physics Conference Proceedings series. Authors are required to provide a camera-ready manuscript by September 1, 1999. Details regarding the manuscript format and length restrictions will be provided in the next mailing. The chief Editor for the conference proceedings is

Conference Proceedings Editor:

John Bollinger
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Boulder, CO 80303, USA
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All contributed poster papers will be presented in the usual poster format. Poster boards will be 4 ft x 8 ft.

Housing:

A block of rooms has been set aside at the Nassau Inn in Princeton at the rate of \$120 (single or double) plus 6% tax. Reservations must be made by **June 18, 1999** and will be accepted via fax to **1-609-921-2684** or by individual call-in to **1-800-862-7728**. Reservations must be guaranteed by individual credit cards. The rates listed pertain to arrival on Sunday, August 1, 1999. A Hotel Reservation Form is enclosed with this mailing.

A limited number of dormitory rooms have also been set aside on the Princeton University campus. A Dormitory Reservation Form is enclosed with this mailing.

Registration:

The Registration Fee is \$100.00 (before May 14, 1999) or \$150.00 (after May 14, 1999), which includes participation in all sessions, a copy of the abstracts which will be distributed at the conference, and a printed volume of the AIP Conference Proceedings. Preregistration deadline is **May 14, 1999**. Checks (in U.S. dollars) payable to "1999 Nonneutral Workshop" should be sent with the completed registration form to *1999 Workshop on Nonneutral Plasmas*, c/o Terry Greenberg, Princeton Plasma Physics Laboratory, P.O. Box 451, MS-17, Princeton, New Jersey 08543.

Student Registration:

The Student Registration fee is \$25.00 which includes participation in all sessions, a copy of the abstracts which will be distributed at the conference, and a printed volume of the AIP Conference Proceedings. Preregistration deadline is **May 14, 1999**. Checks (in U.S. dollars) payable to "1999 Nonneutral Workshop" should be sent with the completed registration form to *1999 Workshop on Nonneutral Plasmas*, c/o Ms. Terry Greenberg, Princeton Plasma Physics Laboratory, P.O. Box 451, MS-17, Princeton, New Jersey 08543.

Some funds have been allocated to help defray travel costs and the conference registration fee for students who are presenting a paper. Students wishing to request financial assistance should include a letter to the Conference Secretary to this effect with the submission of their abstract.

Banquet and Preconference Reception:

The preconference reception will be held on Sunday, August 1, 1999. The conference banquet will be held on Tuesday evening, August 3. Tickets should be purchased in advance for \$50.00 by personal check only. Overseas attendees should indicate banquet/reception attendance on the Workshop Registration Form, but may pay in cash at the start of the Workshop. Updated banquet and reception activities will be announced in a future mailing.

For further information, contact:

Conference Secretary

Terry Greenberg
Princeton Plasma Physics Laboratory

P.O. Box 451, MS-17, Princeton, NJ 08543 USA
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Conference Coordinator

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Technical Questions

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Questions regarding potential topics and speakers for paper submission to this workshop should be directed to any of the members of the Organizing Committee listed below.

Organizing Committee

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About Princeton:

A historic landmark, Princeton is home to Princeton University. Princeton is conveniently located about 45 miles from Newark Airport and about 50 miles from Philadelphia Airport. Detailed local travel information will be provided in the next mailing. For more information on Princeton see <http://www.princetonol.com>. In future mailings we will provide you with more information about directions to the hotel and the workshop site on campus.

