

PLASMA PHYSICS PAPERS IN PHYSICAL REVIEW E

Physical Review E welcomes theoretical and experimental papers which advance understanding of the plasma state of matter.

Plasma physics is a broad and multidisciplinary field of both fundamental and applied research. In keeping with the general policy of all *Physical Review* journals, **we emphasize fundamental aspects**. However, applied and device-oriented work may also be appropriate for submission to PRE. Examples include papers which (a) establish a new technique or principle to enhance the performance of a broad class of plasma physics devices or (b) provide experimental confirmation of a significant advancement over previous capabilities or performance. Examples of content not suited to *Physical Review E* include (1) design, optimization, or performance of a particular facility, device, or hardware implementation, (2) analytic theory or computer modeling lacking clearly articulated physical significance.

Physical Review editors wish to maintain and improve the quality of the papers we publish. It is our policy to accept only papers that, in addition to being scientifically sound, are important to the field and contain significant new results in physics. These acceptance criteria apply to all of our sections, including Brief Reports. Rapid Communications are intended for the accelerated publication of very important results. Other papers are published as regular articles or Brief Reports.

The Editors of *Physical Review* encourage the submission of appropriate papers on plasma physics to *Physical Review E*. Most plasma physics papers will appear in the **Plasma Physics** section. Cross-disciplinary papers which emphasize some aspects of plasma physics may appear in other sections of *Physical Review A, B, C, D, or E*.

We will be happy to answer specific questions concerning the appropriateness of particular articles. Please feel free to contact us at <http://pre.aps.org/>. For further information please visit <http://publish.aps.org/>.